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| Victorian cancer plan monitoring and evaluation framework: baseline report  Appendix 2: Datasets |
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# Introduction

This document forms part of the *Victorian cancer plan monitoring and evaluation framework: baseline report*. It contains datasets that support specific measures set out in the baseline report. This report is available online from [Cancer care](https://www2.health.vic.gov.au/about/health-strategies/cancer-care) https://www2.health.vic.gov.au/about/health–strategies/cancer–care.

# Key result: Reduce incidence of preventable cancers

## Measure 1.1 – Incidence of preventable cancers

### Table 1.1a: Incidence of preventable cancers in Victoria per 100,000 standardised to the 2001 Australian population by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

| Population group | Subgroup | 2014 Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015 ASR (CI) | 2016 Total no. of cases diagnosed | 2016 ASR (CI) | 2017 Total no. of cases diagnosed | 2017 ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sex | Female | 12485 | 361 (354–367) | 12770 | 360 (354–366) | 13180 | 364 (357–370) | 13458 | 361 (355–368) |
| Male | 9995 | 322 (316–328) | 10325 | 323 (317–329) | 10695 | 326 (319–332) | 10806 | 319 (313–325) |
| Indigenous status | Aboriginal Victorian | 119 | 511 (411–638) | 175 | 743 (623–888) | 175 | 729 (609–871) | 148 | 594 (489–721) |
| Remoteness | Major cities | 15965 | 332 (327–337) | 16361 | 331 (326–336) | 16871 | 333 (328–338) | 16936 | 325 (320–330) |
| Inner regional | 5168 | 361 351–372) | 5377 | 365 (355–375) | 5593 | 372 (362–382) | 5769 | 371 (362–382) |
| Outer regional/ remote | 1339 | 371 (350–393) | 1339 | 362 (342–383) | 1380 | 367 (347–389) | 3176 | 366 (345–387) |
| Socioeconomic status | 1 (most disadvantaged) | 5323 | 365 (355–376) | 5290 | 357 (347–367) | 5454 | 368 (358–379) | 5415 | 360 (350–370) |
| 2 | 4613 | 350 (340–361) | 4715 | 345 (335–355) | 4854 | 349 (339–359) | 4928 | 346 (337–356) |
| 3 | 4253 | 328 (318–338) | 4486 | 335 (326–346) | 4592 | 335 (325–344) | 4713 | 332 (323–342) |
| 4 | 4116 | 328 (318–338) | 4219 | 328 (318–338) | 4469 | 333 (323–343) | 4492 | 324 (314–333) |
| 5 (least disadvantaged) | 4016 | 325 (315–336) | 4236 | 335 (325–346) | 4333 | 327 (317–337) | 4428 | 322 (313–332) |
| Integrated Cancer Service | NEMICS | 5254 | 327 (318–336) | 5304 | 324 (315–333) | 5419 | 325 (316–334) | 5448 | 319 (311–328) |
| SMICS | 5967 | 329 (321–337) | 6227 | 335 (326–343) | 6445 | 339 (331–348) | 6377 | 328 (320–336) |
| WCMICS | 4179 | 338 (328–348) | 4203 | 329 (319–339) | 4442 | 335 (325–345) | 4462 | 323 (314–333) |
| BSWRICS | 1781 | 360 (343–378) | 1787 | 350 (333–367) | 1850 | 355 (339–373) | 1960 | 371 (354–389) |
| GRICS | 1391 | 373 (353–394) | 1417 | 363 (343–383) | 1523 | 389 (369–410) | 1553 | 377 (358–398) |
| HRICS | 1333 | 368 (348–389) | 1418 | 379 (359–400) | 1369 | 359 (340–379) | 1464 | 372 (353–393) |
| LMICS | 1512 | 358 (340–378) | 1576 | 366 (347–385) | 1612 | 367 (319–386) | 1698 | 379 (360–398) |
| GICS | 1054 | 357 (335–380) | 1144 | 383 (360–407) | 1184 | 383 (361–407) | 1119 | 353 (332–375) |
| **Overall** | **Overall** | **22480** | **340 (335–344)** | **23095** | **340 (335–344)** | **23875** | **343 (339–348)** | **24264** | **339 (335–344)** |

### Table 1.1b: Incidence of preventable cancers in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and year of diagnosis, 2014–2017

| LGA | 2014 Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 71 | 364 (279–481) | 77 | 380 (295–497) | 51 | 232 (172–323) | 66 | 315 (239–422) |
| Ararat (RC) | 51 | 325 (238–443) | 55 | 325 (240–437) | 76 | 411 (322–526) | 62 | 341 (258–450) |
| Ballarat (C) | 412 | 356 (322–393) | 474 | 405 (369–445) | 458 | 380 (345–417) | 438 | 346 (314–382) |
| Banyule (C) | 532 | 346 (317–378) | 457 | 297 (270–327) | 503 | 324 (296–355) | 533 | 331 (303–361) |
| Bass Coast (S) | 188 | 373 (317–439) | 204 | 375 (322–439) | 188 | 344 (292–406) | 251 | 432 (375–499) |
| Baw Baw (S) | 192 | 318 (273–369) | 198 | 307 (265–356) | 237 | 362 (316–415) | 258 | 383 (336–436) |
| Bayside (C) | 432 | 318 (287–351) | 460 | 336 (305–370) | 438 | 312 (283–345) | 489 | 344 (313–378) |
| Benalla (RC) | 75 | 340 (263–443) | 86 | 416 (324–533) | 80 | 333 (258–435) | 96 | 414 (330–522) |
| Boroondara (C) | 602 | 295 (271–321) | 646 | 312 (288–338) | 609 | 295 (271–320) | 637 | 306 (282–332) |
| Brimbank (C) | 699 | 349 (323–376) | 678 | 330 (305–356) | 647 | 308 (284–333) | 678 | 313 (290–338) |
| Buloke (S) | 50 | 429 (312–610) | 41 | 421 (289–623) | 30 | 279 (180–454) | 44 | 396 (271–597) |
| Campaspe (S) | 207 | 382 (330–443) | 219 | 415 (359–479) | 231 | 415 (360–478) | 235 | 408 (355–469) |
| Cardinia (S) | 316 | 388 (346–434) | 319 | 369 (329–413) | 348 | 386 (346–429) | 328 | 341 (304–380) |
| Casey (C) | 798 | 320 (298–344) | 862 | 330 (308–353) | 908 | 334 (312–357) | 859 | 301 (281–322) |
| Central Goldfields (S) | 87 | 399 (314–515) | 113 | 518 (420–647) | 88 | 425 (330–551) | 70 | 314 (238–420) |
| Colac–Otway (S) | 104 | 355 (288–438) | 124 | 398 (328–482) | 98 | 318 (256–395) | 104 | 318 (258–393) |
| Corangamite (S) | 81 | 362 (284–462) | 85 | 379 (298–484) | 92 | 407 (323–516) | 104 | 421 (341–523) |
| Darebin (C) | 533 | 332 (304–363) | 527 | 324 (296–354) | 523 | 313 (286–342) | 538 | 319 (292–348) |
| East Gippsland (S) | 289 | 398 (351–453) | 298 | 387 (341–440) | 317 | 419 (370–475) | 308 | 382 (336–434) |
| Frankston (C) | 495 | 326 (298–357) | 602 | 387 (356–420) | 607 | 385 (355–417) | 565 | 347 (318–541) |
| Gannawarra (S) | 76 | 479 (367–628) | 53 | 284 (208–396) | 85 | 459 (362–591) | 77 | 412 (318–541) |
| Glen Eira (C) | 545 | 332 (303–362) | 591 | 359 (330–390) | 516 | 304 (278–332) | 588 | 348 (319–378) |
| Glenelg (S) | 103 | 365 (296–452) | 84 | 300 (237–380) | 103 | 351 (284–436) | 99 | 360 (288–451) |
| Golden Plains (S) | 78 | 391 (305–498) | 80 | 368 (288–467) | 89 | 395 (313–495) | 91 | 373 (297–467) |
| Greater Bendigo (C) | 470 | 366 (333–402) | 485 | 364 (332–399) | 513 | 376 (343–411) | 552 | 392 (359–428) |
| Greater Dandenong (C) | 493 | 301 (275–329) | 477 | 285 (260–312) | 515 | 302 (276–330) | 515 | 297 (272–325) |
| Greater Geelong (C) | 1014 | 356 (334–380) | 1033 | 349 (327–371) | 1085 | 361 (339–384) | 1148 | 373 (351–396) |
| Greater Shepparton (C) | 271 | 366 (323–413) | 290 | 373 (330–420) | 298 | 382 (339–429) | 313 | 387 (344–434) |
| Hepburn (S) | 85 | 361 (284–462) | 81 | 346 (270–447) | 89 | 347 (274–444) | 83 | 320 (248–417) |
| Hindmarsh (S) | 35 | 349 (236–528) | 36 | 359 (246–543) | 52 | 505 (366–711) | 43 | 420 (297–610) |
| Hobsons Bay (C) | 366 | 361(325–401) | 352 | 340 (305–379) | 372 | 353 (318–392) | 373 | 344 (310–382) |
| Horsham (RC) | 89 | 346 (275–433) | 113 | 406 (332–495) | 92 | 363 (290–452) | 106 | 419 (340–515) |
| Hume (C) | 515 | 318 (291–348 | 572 | 339 (311–369) | 610 | 340 (313–368) | 638 | 341 (314–369) |
| Indigo (S) | 70 | 331 (255–433) | 80 | 350 (274–450) | 78 | 339 (266–436) | 90 | 377 (301–477) |
| Kingston (C) | 640 | 336 (310–364) | 593 | 306 (281–332) | 680 | 348 (322–376) | 675 | 334 (309–361) |
| Knox (C) | 617 | 343 (316–372) | 576 | 314 (289–341) | 627 | 338 (312–366) | 600 | 316 (291–343) |
| Latrobe (C) | 364 | 403 (362–448) | 350 | 377 (337–420) | 362 | 386 (346–430) | 364 | 369 (331–411) |
| Loddon (S) | 38 | 289 (197–444) | 43 | 336 (237–495) | 43 | 329 (233–484) | 46 | 322 (234–475) |
| Macedon Ranges (S) | 155 | 289 (244–343) | 206 | 364 (315–422) | 176 | 313 (267–367) | 226 | 389 (339–447) |
| Manningham (C) | 525 | 317 (290–347) | 553 | 327 (300–357) | 520 | 302 (275–330) | 524 | 293 (268–321) |
| Mansfield (S) | 47 | 375 (272–527) | 50 | 387 (280–544) | 42 | 315 (223–458) | 42 | 315 (220–456) |
| Maribyrnong (C) | 231 | 325 (283–371) | 228 | 319 (278–364) | 215 | 293 (254–337) | 225 | 291 (253–334) |
| Maroondah (C) | 433 | 334 (303–368) | 464 | 356 (324–391) | 447 | 337 (306–370) | 460 | 337 (307–370) |
| Melbourne (C) | 251 | 333 (291–382) | 237 | 310 (270–356) | 252 | 290 (254–333) | 265 | 294 (259–336) |
| Melton (C) | 310 | 330 (292–373) | 326 | 329 (292–370) | 360 | 343 (307–384) | 412 | 356 (320–394) |
| Mildura (RC) | 234 | 355 (310–406) | 244 | 358 (313–408) | 229 | 328 (285–376) | 258 | 369 (324–420) |
| Mitchell (S) | 155 | 385 (325–452) | 159 | 376 (319–441) | 147 | 331 (279–391) | 170 | 376 (321–439) |
| Moira (S) | 169 | 386 (327–457) | 183 | 412 (350–485) | 194 | 434 (371–509) | 168 | 341 (289–404) |
| Monash (C) | 679 | 299 (276–323) | 679 | 290 (268–314) | 723 | 313 (290–337) | 685 | 295 (273–319) |
| Moonee Valley (C) | 459 | 334 (304–367) | 481 | 344 (313–377) | 505 | 356 (325–389) | 487 | 330 (301–361) |
| Moorabool (S) | 120 | 332 (274–400) | 141 | 393 (329–467) | 125 | 335 (277–402) | 135 | 356 (297–424) |
| Moreland (C) | 577 | 332 (305–361) | 562 | 325 (298–354) | 643 | 357 (329–387) | 591 | 326 (300–355) |
| Mornington Peninsula (S) | 831 | 349 (324–375) | 910 | 373 (348–400) | 925 | 369 (344–395) | 902 | 362 (337–388) |
| Mount Alexander (S) | 106 | 366 (297–454) | 77 | 263 (205–342) | 106 | 349 (281–435) | 113 | 366 (298–452) |
| Moyne (S) | 88 | 399 (318–502) | 73 | 332 (259–426) | 71 | 321 (248–414) | 88 | 402 (319–506) |
| Murrindindi (S) | 74 | 374 (289–487) | 79 | 397 (310–510) | 55 | 265 (196–362) | 92 | 406 (323–514) |
| Nillumbik (S) | 221 | 338 (292–390) | 222 | 343 (297–394) | 239 | 348 (303–398) | 196 | 274 (323–514) |
| Northern Grampians (S) | 83 | 465 (365–597) | 63 | 334 (254–444) | 65 | 370 (278–494) | 70 | 391 (323–514) |
| Port Phillip (C) | 334 | 345 (309–387) | 334 | 329 (294–369) | 377 | 359 (323–399) | 343 | 316 (323–514) |
| Pyrenees (S) | 37 | 379 (259–558) | 37 | 310 (214–464) | 49 | 420 (305–588) | 35 | 259 (323–514) |
| Queenscliffe (B) | 16 | 241 (127–602) | 22 | 345 (175–793) | 27 | 332 (205–756) | 23 | 309 (172–783) |
| South Gippsland (S) | 149 | 354 (298–422) | 149 | 336 (281–402) | 172 | 403 (340–476) | 153 | 331 (278–396) |
| Southern Grampians (S) | 95 | 390 (312–489) | 78 | 324 (253–417) | 75 | 294 (228–381) | 99 | 427 (342–534) |
| Stonnington (C) | 404 | 353 (319–391) | 400 | 332 (300–368) | 408 | 336 (303–372) | 428 | 352 (319–388) |
| Strathbogie (S) | 73 | 423 (322–561) | 62 | 350 (260–478) | 74 | 420 (320–556) | 80 | 477 (367–624) |
| Surf Coast (S) | 120 | 346 (285–418) | 142 | 392 (329–467) | 132 | 357 (297–427) | 136 | 352 (294–422) |
| Swan Hill (RC) | 89 | 327 (261–408) | 95 | 357 (287–442) | 111 | 417 (341–508) | 77 | 282 (221–358) |
| Towong (S) | 36 | 331 (230–502) | 29 | 263 (173–423) | 29 | 274 (180–435) | 44 | 468 (323–686) |
| Wangaratta (RC) | 143 | 364 (304–435) | 156 | 388 (327–460) | 147 | 349 (292–418) | 164 | 386 (327–457) |
| Warrnambool (C) | 160 | 377 (319–444) | 146 | 337 (283–400) | 167 | 368 (312–432) | 159 | 344 (291–406) |
| Wellington (S) | 209 | 363 (314–419) | 218 | 374 (324–431) | 247 | 426 (373–486) | 219 | 359 (312–414) |
| West Wimmera (S) | 26 | 435 274–698) | 29 | 453 (301–713) | 31 | 450 (304–700) | 19 | 316 (186–550) |
| Whitehorse (C) | 651 | 310 (286–336) | 717 | 348 (322–375) | 667 | 318 (294–345) | 671 | 318 (294–344) |
| Whittlesea (C) | 586 | 340 (312–369) | 563 | 312 (286–339) | 636 | 333 (307–360) | 683 | 342 (317–369) |
| Wodonga (C) | 149 | 367 (310–433) | 167 | 399 (340–466) | 174 | 402 (343–468) | 139 | 314 (264–373 |
| Wyndham (C) | 491 | 349 (317–383) | 525 | 346 (315–379) | 535 | 340 (311–372) | 540 | 321 (293–351) |
| Yarra (C) | 280 | 376 (332–425 | 242 | 309 (270–353) | 303 | 369 (328–416) | 253 | 291 (256–332) |
| Yarra Ranges (S) | 554 | 322 (296–351) | 579 | 332 (305–361) | 648 | 368 (340–398) | 606 | 331 (305–359 |
| Yarriambiack (S) | 38 | 301 (206–460) | 35 | 316 (209–487) | 58 | 420 (308–591) | 37 | 300 (206–457) |

## Measure 1.2 – Lifetime risk of cancer before the age of 85 years

### Table 1.2: Lifetime risk of cancer before the age of 85 years by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year, 2014–2017

| Population group | Subgroup | 2014 | 2015 | 2016 | 2017 |
| --- | --- | --- | --- | --- | --- |
| Sex | Female | 2.513275 | 2.494834 | 2.484717 | 2.4757 |
| Male | 1.97791 | 1.94828 | 1.923182 | 1.914001 |
| Indigenous status | Aboriginal Victorian | 1.81463 | 1.501846 | 1.457159 | 1.557966 |
| Remoteness | Major cities | 2.245879 | 2.226935 | 2.209524 | 2.218197 |
| Inner regional | 2.165998 | 2.124283 | 2.074945 | 2.053301 |
| Outer regional/remote | 2.12414 | 2.088476 | 2.123361 | 2.112579 |
| Socioeconomic status | 1 (most disadvantaged) | 2.182285 | 2.169961 | 2.129088 | 2.116924 |
| 2 | 2.193096 | 2.192132 | 2.15874 | 2.160569 |
| 3 | 2.269319 | 2.228994 | 2.201759 | 2.181177 |
| 4 | 2.283956 | 2.214878 | 2.226529 | 2.201985 |
| 5 (least disadvantaged) | 2.189281 | 2.154421 | 2.178579 | 2.210343 |
| Integrated Cancer Service | NEMICS | 2.276806 | 2.25809 | 2.228442 | 2.244476 |
| SMICS | 2.227988 | 2.201186 | 2.179082 | 2.196483 |
| WCMICS | 2.244454 | 2.252993 | 2.226943 | 2.242899 |
| BSWRICS | 2.166123 | 2.183451 | 2.184811 | 2.088659 |
| GRICS | 2.128175 | 2.118881 | 2.059979 | 2.043367 |
| HRICS | 2.166204 | 2.075833 | 2.082052 | 2.049235 |
| LMICS | 2.14443 | 2.06215 | 2.06581 | 2.022739 |
| GICS | 2.196561 | 2.086356 | 2.066508 | 2.114111 |
| **Overall** |  | **2.220869** | **2.193382** | **2.172241** | **2.161108** |

## Measure 1.3 – Incidence of lung cancer

### Table 1.3a: Incidence of lung cancer in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

| Population group | Subgroup | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sex | Female | 1232 | 34 (32–36) | | 1189 | 32 (31–34) | 1356 | 36 (34–38) | 1306 | | 33 (32–35) | |
| Male | 1643 | 52 (50–56) | | 1566 | 49 (46–51) | 1678 | 51 (48–53) | 1677 | | 49 (47–52) | |
| Indigenous status | Aboriginal Victorian | 26 | 113 (68–186) | | 34 | 153 (101–231) | 30 | 143 (92–219) | 30 | | 103 (67–160) | |
| Remoteness | Major cities | 1996 | 41 (39–43) | | 1921 | 39 (37–40) | 2077 | 41 (39–42) | 2031 | | 38 (37–40) | |
| Inner regional | 684 | 45(42–49) | | 652 | 41(38–45) | 753 | 47 (44–50) | 735 | | 44 (41–48) | |
| Outer regional/ remote | 194 | 48 (42–56) | | 177 | 44 (38–52) | 192 | 46 (40–54) | 183 | | 45 (39–53) | |
| Socioeconomic status | 1 (most disadvantaged) | 918 | 60 (56–64) | | 811 | 52 (48–56) | 881 | 57 (53–61) | 871 | | 56 (52–60) | |
| 2 | 654 | 48 (44–52) | | 628 | 45 (41–48) | 669 | 46 (43–50) | 653 | | 44 (41–48) | |
| 3 | 524 | 40 (37–44) | | 522 | 38 (35–42) | 611 | 43 (40–47) | 561 | | 38 (35–42) | |
| 4 | 409 | 32 (29–36) | | 429 | 34 (30–37) | 463 | 34 (31–38) | 453 | | 33 (30–36) | |
| 5 (least disadvantaged) | 351 | 29 (26–33) | | 347 | 29 (26–32) | 380 | 30 (27–33) | 403 | | 29 (26–32) | |
| Integrated Cancer Service | NEMICS | 577 | 35 (32–38) | | 602 | 36 (33–39) | 667 | 39 (36–42) | 619 | | 35 (32–38) | |
| SMICS | 735 | 40 (37–43) | | 712 | 38 (35–41) | 773 | 40 (37–42) | 781 | | 39 (36–42) | |
| WCMICS | 594 | 49 (45–53) | | 526 | 43 (39–46) | 563 | 44 (40–48) | 546 | | 41 (38–45) | |
| BSWRICS | 230 | 44 38–50) | | 210 | 40 (34–46) | 227 | 41 (36–47) | 236 | | 42 (37–48) | |
| GRICS | 223 | 56 (49–65) | | 186 | 44 (38–52) | 235 | 54 (47–62) | 234 | | 53 (47–61) | |
| HRICS | 189 | 49 (42–57) | | 175 | 43 (37–51) | 200 | 50 (43–57) | 197 | | 47 (40–54) | |
| LMICS | 196 | 44 (38–50) | | 206 | 45 (39–52) | 200 | 42 (36–48) | 206 | | 43 (37–50) | |
| GICS | 130 | 41 (34–49) | | 133 | 42 (35–50) | 157 | 48 (41–57) | 130 | | | 39 (32–46) |
| **Overall** |  | **2875** | | **42 (41–44)** | **2755** | **40 (38–41)** | **3034** | **42 (41–44)** | **2983** | | | **41 (39–42)** |

### Table 1.3b: Incidence of lung cancer in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 5 | 20 (6–77) | 7 | 42 (15–111) | 6 | 27 (10–84) | 14 | 56 (31–118) |
| Ararat (RC) | 4 | 21 (6–74) | 7 | 35 (14–88) | 8 | 40 (17–93) | 5 | 22 (7–70) |
| Ballarat (C) | 43 | 36 (26–49) | 54 | 44 (33–58) | 51 | 40 (30–54) | 43 | 33 (24–46) |
| Banyule (C) | 50 | 31 (23–42) | 56 | 36 (27–47) | 60 | 37 (28–48) | 60 | 35 (27–46) |
| Bass Coast (S) | 30 | 57 (37–88) | 26 | 45 (29–73) | 21 | 31 (19–56) | 37 | 58 (40–88) |
| Baw Baw (S) | 27 | 42 (28–64) | 15 | 22 (12–40) | 35 | 50 (35–73) | 32 | 45 (31–66) |
| Bayside (C) | 27 | 19 (12–30) | 46 | 32 (23–44) | 30 | 19 (12–29) | 48 | 32 (23–44) |
| Benalla (RC) | 11 | 44 (22–98) | 13 | 57 (29–117) | 9 | 31 (14–82) | 13 | 50 (27–104) |
| Boroondara (C) | 60 | 28 (21–36) | 48 | 23 (16–31) | 65 | 30 (23–39) | 66 | 31 (24–41) |
| Brimbank (C) | 102 | 51 (41–62) | 99 | 49 (40–60) | 84 | 40 (32–49) | 94 | 44 (35–54) |
| Buloke (S) | 6 | 42 (15–158) | 7 | 61 (24–184) | 8 | 61 (26–188) | 4 | 29 (7–156) |
| Campaspe (S) | 22 | 38 (24–62) | 27 | 46 (30–71) | 39 | 62 (44–89) | 32 | 51 (35–76) |
| Cardinia (S) | 53 | 65 (49–86) | 42 | 52 (38–71) | 46 | 52 (38–70) | 40 | 42 (30–58) |
| Casey (C) | 106 | 46 (38–56) | 91 | 37 (29–45) | 126 | 50 (42–60) | 108 | 40 (33–49) |
| Central Goldfields (S) | 13 | 54 (29–119) | 18 | 70 (41–136) | 12 | 47 (24–108) | 8 | 29 (12–85) |
| Colac–Otway (S) | 9 | 28 (13–62) | 17 | 51 (29–89) | 14 | 41 (22–78) | 16 | 48 (27–85) |
| Corangamite (S) | 7 | 27 (11–71) | 9 | 35 (16–83) | 13 | 50 (26–100) | 12 | 50 (24–104) |
| Darebin (C) | 79 | 47 (37–60) | 77 | 46 (36–58) | 73 | 42 (33–54) | 66 | 40 (31–52) |
| East Gippsland (S) | 43 | 55 (40–79) | 39 | 45 (32–67) | 52 | 58 (43–81) | 44 | 52 (37–74) |
| Frankston (C) | 77 | 51 (40–64) | 85 | 54 (43–68) | 83 | 51 (41–64) | 80 | 48 (38–60) |
| Gannawarra (S) | 8 | 59 (22–146) | 5 | 33 (9–106) | 7 | 32 (13–97) | 6 | 34 (12–103) |
| Glen Eira (C) | 59 | 33 (25–44) | 57 | 34 (25–45) | 68 | 39 (30–51) | 66 | 37 (28–48) |
| Glenelg (S) | 11 | 36 (18–75) | 10 | 32 (15–70) | 12 | 35 (18–74) | 8 | 25 (11–62) |
| Golden Plains (S) | 9 | 43 (18–91) | 10 | 43 (20–88) | 13 | 52 (27–98) | 15 | 63 (34–111) |
| Greater Bendigo (C) | 66 | 48 (37–62) | 57 | 41 (31–54) | 55 | 39 (29–51) | 67 | 45 (35–58) |
| Greater Dandenong (C) | 64 | 39 (30–50) | 53 | 31 (23–42) | 65 | 38 (29–49) | 73 | 42 (32–53) |
| Greater Geelong (C) | 140 | 47 (40–56) | 123 | 41 (34–49) | 141 | 44 (37–53) | 140 | 43 (36–51) |
| Greater Shepparton (C) | 29 | 36 (24–54) | 24 | 29 (19–45) | 45 | 54 (39–74) | 42 | 49 (35–68) |
| Hepburn (S) | 10 | 39 (19–92) | 10 | 44 (20–102) | 13 | 48 (25–100) | 11 | 35 (17–85) |
| Hindmarsh (S) | 6 | 53 (19–172) | 4 | 32 (8–152) | 5 | 58 (18–187) | 6 | 65 (23–193) |
| Hobsons Bay (C) | 53 | 52 (39–69) | 45 | 44 (32–59) | 48 | 45 (33–60) | 40 | 37 (26–51) |
| Horsham (RC) | 9 | 32 (14–67) | 9 | 31 (14–67) | 15 | 52 (29–93) | 10 | 32 (15–68) |
| Hume (C) | 78 | 51 (40–64) | 66 | 41 (31–52) | 88 | 51 (41–64) | 88 | 50 (40–61) |
| Indigo (S) | 6 | 26 (9–77) | 11 | 42 (21–94) | 9 | 39 (17–89) | 10 | 40 (19–92) |
| Kingston (C) | 74 | 37 (29–48) | 81 | 41 (32–51) | 90 | 44 (35–54) | 92 | 43 (35–54) |
| Knox (C) | 73 | 42 (33–53) | 83 | 44 (35–55) | 73 | 39 (30–49) | 75 | 38 (30–49) |
| Latrobe (C) | 64 | 68 (52–88) | 57 | 58 (44–76) | 70 | 71 (55–92) | 64 | 63 (48–82) |
| Loddon (S) | 7 | 49 (19–160) | 5 | 36 (12–143) | 6 | 49 (16–161) | 10 | 78 (36–200) |
| Macedon Ranges (S) | 16 | 28 (16–50) | 27 | 45 (30–70) | 15 | 26 (14–47) | 21 | 34 (21–56) |
| Manningham (C) | 44 | 26 (18–35) | 56 | 30 (22–40) | 61 | 32 (24–42) | 57 | 30 (23–40) |
| Mansfield (S) | 8 | 59 (25–155) | 9 | 59 (26–154) | 3 | 23 (4–115) | 8 | 56 (23–145) |
| Maribyrnong (C) | 30 | 43 (29–63) | 34 | 51 (35–72) | 38 | 55 (39–77) | 35 | 49 (34–69) |
| Maroondah (C) | 50 | 38 (28–50) | 59 | 44 (33–57) | 53 | 39 (29–52) | 60 | 41 (31–54) |
| Melbourne (C) | 35 | 51 (35–75) | 24 | 34 (21–54) | 32 | 40 (27–61) | 27 | 33 (21–51) |
| Melton (C) | 40 | 46 (32–65) | 56 | 64 (48–85) | 43 | 43 (30–59) | 61 | 53 (40–70) |
| Mildura (RC) | 29 | 40 (27–60) | 33 | 45 (31–66) | 31 | 42 (28–62) | 36 | 50 (35–72) |
| Mitchell (S) | 21 | 54 (33–84) | 19 | 48 (29–76) | 18 | 42 (25–68) | 21 | 45 (28–71) |
| Moira (S) | 27 | 53 (35–84) | 30 | 56 (38–87) | 34 | 66 (45–98) | 25 | 48 (31–78) |
| Monash (C) | 85 | 35 (28–44) | 81 | 33 (26–41) | 73 | 30 (23–38) | 64 | 27 (21–35) |
| Moonee Valley (C) | 53 | 36 (27–48) | 49 | 34 (25–46) | 52 | 35 (26–47) | 50 | 33 (24–44) |
| Moorabool (S) | 18 | 47 (28–78) | 15 | 39 (22–68) | 23 | 60 (37–93) | 16 | 43 (24–72) |
| Moreland (C) | 91 | 50 (40–63) | 73 | 42 (32–53) | 79 | 44 (34–55) | 67 | 38 (29–49) |
| Mornington Peninsula (S) | 110 | 43 (35–52) | 106 | 40 (33–50) | 119 | 44 (36–53) | 114 | 42 (34–52) |
| Mount Alexander (S) | 15 | 46 (25–89) | 15 | 49 (27–94) | 16 | 48 (27–89) | 16 | 44 (25–84) |
| Moyne (S) | 15 | 65 (36–119) | 5 | 23 (7–66) | 9 | 41 (18–86) | 13 | 61 (32–113) |
| Murrindindi (S) | 22 | 108 (67–180) | 18 | 85 (50–151) | 10 | 50 (23–110) | 7 | 28 (11–79) |
| Nillumbik (S) | 14 | 26 (13–45) | 17 | 31 (18–51) | 33 | 47 (32–68) | 14 | 19 (10–35) |
| Northern Grampians (S) | 14 | 69 (38–138) | 8 | 37 (16–96) | 7 | 32 (13–92) | 10 | 56 (26–123) |
| Port Phillip (C) | 37 | 40 (28–57) | 38 | 39 (27–56) | 34 | 35 (24–51) | 48 | 46 (34–64) |
| Pyrenees (S) | 7 | 59 (23–165) | 7 | 60 (23–168) | 6 | 53 (19–157) | 5 | 37 (12–144) |
| Queenscliffe (B) | 3 | 36 (7–381) | 2 | 23 (3–422) | 0 | 0 (0) | 2 | 20 (2–491) |
| South Gippsland (S) | 15 | 34 (19–63) | 15 | 29 (16–55) | 23 | 47 (29–77) | 21 | 44 (27–75) |
| Southern Grampians (S) | 14 | 50 (27–96) | 13 | 49 (25–98) | 6 | 20 (7–60) | 12 | 39 (20–84) |
| Stonnington (C) | 43 | 36 (26–50) | 32 | 26 (18–38) | 39 | 30 (21–43) | 48 | 40 (29–54) |
| Strathbogie (S) | 13 | 61 (33–135) | 11 | 51 (25–121) | 9 | 44 (19–115) | 8 | 42 (17–112) |
| Surf Coast (S) | 16 | 47 (27–81) | 13 | 35 (18–64) | 15 | 39 (22–69) | 14 | 34 (19–63) |
| Swan Hill (RC) | 14 | 48 (26–86) | 12 | 44 (22–82) | 11 | 37 (18–72) | 6 | 21 (7–53) |
| Towong (S) | 3 | 23 (5–143) | 6 | 50 (18–170) | 6 | 54 (19–174) | 7 | 61 (24–186) |
| Wangaratta (RC) | 17 | 41 (23–71) | 10 | 21 (10–45) | 29 | 62 (41–95) | 16 | 35 (20–63) |
| Warrnambool (C) | 15 | 32 (18–56) | 18 | 38 (22–64) | 17 | 36 (21–61) | 19 | 37 (22–62) |
| Wellington (S) | 44 | 74 (54–103) | 34 | 56 (39–81) | 34 | 53 (36–76) | 36 | 54 (38–78) |
| West Wimmera (S) | 5 | 68 (22–238) | 5 | 73 (24–262) | 6 | 102 (36–299) | 4 | 54 (14–223) |
| Whitehorse (C) | 61 | 27 (20–35) | 67 | 30 (23–38) | 69 | 31 (24–39) | 70 | 30 (23–39) |
| Whittlesea (C) | 75 | 45 (35–56) | 78 | 44 (35–55) | 90 | 48 (38–59) | 82 | 41 (33–51) |
| Wodonga (C) | 27 | 69 (45–102) | 17 | 38 (22–63) | 22 | 50 (31–77) | 26 | 57 (37–85) |
| Wyndham (C) | 77 | 62 (48–78) | 52 | 41 (30–54) | 72 | 54 (42–68) | 60 | 38 (29–50) |
| Yarra (C) | 35 | 47 (33–68) | 28 | 38 (25–57) | 27 | 36 (23–54) | 24 | 30 (19–46) |
| Yarra Ranges (S) | 71 | 41 (32–52) | 61 | 35 (26–45) | 90 | 52 (42–64) | 69 | 37 (29–47) |
| Yarriambiack (S) | 5 | 41 (11–157) | 4 | 25 (7–129) | 10 | 76 (36–188) | 5 | 51 (14–171) |

## Measure 1.4 – Incidence of colorectal cancer

### Table 1.4a: Incidence of colorectal cancer in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) | |
| Sex | Female | 1747 | 49 (46–51) | 1735 | | 47 (45–49) | 1758 | 47 (45–49) | 1829 | 47 (45–50) | |
| Male | 1986 | 64 (61–67) | 2125 | 67 (64–69) | | 2142 | 65 (62–68) | 2059 | 61 (58–63) | |
| Indigenous status | Aboriginal Victorian | 16 | 69 (36–133) | 25 | 115 (67–190) | | 23 | 92 (54–156) | 19 | 82 (46–145) | |
| Remoteness | Major cities | 2548 | 53 (51–55) | 2665 | 53 (51–55) | | 2720 | 53 (51–56) | 2658 | 51 (49–53) | |
| Inner regional | 925 | 64 (59–68) | 924 | 61 (57–65) | | 947 | 61 (57–65) | 948 | 60 (56–64) | |
| Outer regional/ remote | 260 | 70 (62–80) | 269 | 71 (63–81) | | 228 | 57 (50–66) | 255 | 67 (58–77) | |
| Socioeconomic status | 1 (most disadvantaged) | 913 | 60 (57–65) | 930 | 61 (57–65) | | 951 | 62 (58–66) | 915 | 59 (55–63) | |
| 2 | 803 | 60 (56–64) | 803 | 57 (53–62) | | 791 | 56 (52–60) | 810 | 56 (52–60) | |
| 3 | 739 | 56 (52–61) | 753 | 56 (52–60) | | 756 | 54 (51–59) | 764 | 54 (50–58) | |
| 4 | 670 | 54 (50–58) | 706 | 55 (51–59) | | 750 | 56 (52–61) | 731 | 53 (49–57) | |
| 5 (least disadvantaged) | 584 | 49 (45–53) | 646 | 52 (48–56) | | 617 | 47 (44–51) | 624 | 46 (42–49) | |
| Integrated Cancer Service | NEMICS | 897 | 55 (52–59) | 901 | 54 (51–58) | | 879 | 52 (49–56) | 900 | 52 (49–56) | |
| SMICS | 904 | 49 (46–52) | 975 | 52 (48–55) | | 1007 | 52 (49–56) | 969 | 49 (46–52) | |
| WCMICS | 661 | 55 (50–59) | 670 | 53 (49–58) | | 711 | 55 (51–59) | 690 | 51 (47–55) | |
| BSWRICS | 313 | 61 (54–68) | 333 | 62 (55–69) | | 309 | 59 (52–66) | 316 | 58 (51–65) | |
| GRICS | 213 | 56 (48–64) | 255 | 64 (56–74) | | 254 | 61 (54–70) | 258 | 62 (54–71) | |
| HRICS | 263 | 71 (63–81) | 255 | 65 (57–74) | | 234 | 59 (51–67) | 244 | 60 (53–69) | |
| LMICS | 276 | 64 (57–73) | 271 | 61 (54–69) | | 267 | 59 (52–67) | 280 | 60 (53–68) | |
| GICS | 206 | 69 (59–79) | 198 | 64 (55–74) | | 234 | 74 (65–85) | 204 | | 64 (55–74) |
| **Overall** |  | **3733** | **56 (54–58)** | **3860** | **56 (54–58)** | | **3900** | **56 (54–57)** | **3888** | | **54 (52–55)** |

### Table 1.4b: Incidence of colorectal cancer in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and by year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 14 | 71 (35–146) | 14 | 63 (34–129) | 12 | 53 (27–117) | 10 | 54 (23–122) |
| Ararat (RC) | 12 | 66 (34–130) | 9 | 53 (24–114) | 12 | 62 (32–123) | 13 | 64 (34–123) |
| Ballarat (C) | 81 | 68 (54–86) | 84 | 72 (57–90) | 79 | 66 (52–83) | 89 | 68 (55–85) |
| Banyule (C) | 96 | 64 (51–79) | 61 | 38 (29–49) | 85 | 53 (42–66) | 100 | 62 (50–76) |
| Bass Coast (S) | 26 | 50 (32–81) | 36 | 61 (42–92) | 33 | 56 (37–86) | 40 | 65 (45–96) |
| Baw Baw (S) | 28 | 45 (30–68) | 34 | 54 (37–78) | 41 | 63 (45–89) | 50 | 75 (55–101) |
| Bayside (C) | 60 | 40 (30–54) | 58 | 40 (30–54) | 63 | 42 (32–56) | 68 | 46 (36–61) |
| Benalla (RC) | 16 | 68 (38–128) | 16 | 75 (39–142) | 7 | 24 (9–73) | 12 | 46 (22–101) |
| Boroondara (C) | 94 | 43 (35–54) | 118 | 54 (45–65) | 92 | 44 (36–55) | 96 | 46 (37–57) |
| Brimbank (C) | 104 | 51 (42–63) | 109 | 54 (44–65) | 107 | 51 (41–61) | 118 | 55 (45–66) |
| Buloke (S) | 13 | 105 (55–233) | 9 | 102 (41–247) | 4 | 32 (9–158) | 10 | 88 (34–236) |
| Campaspe (S) | 37 | 65 (45–94) | 25 | 42 (27–67) | 41 | 68 (48–96) | 34 | 56 (38–84) |
| Cardinia (S) | 49 | 60 (44–80) | 42 | 50 (36–68) | 48 | 53 (39–71) | 44 | 45 (33–61) |
| Casey (C) | 123 | 50 (41–60) | 128 | 48 (40–58) | 126 | 48 (40–58) | 143 | 50 (42–59) |
| Central Goldfields (S) | 19 | 75 (45–142) | 22 | 105 (63–182) | 16 | 70 (38–140) | 9 | 46 (17–114) |
| Colac–Otway (S) | 22 | 71 (44–116) | 22 | 71 (44–116) | 19 | 58 (35–98) | 17 | 56 (32–98) |
| Corangamite (S) | 21 | 93 (55–155) | 18 | 67 (40–120) | 13 | 50 (26–100) | 22 | 82 (51–139) |
| Darebin (C) | 83 | 49 (39–62) | 90 | 54 (43–67) | 100 | 59 (47–72) | 105 | 62 (50–75) |
| East Gippsland (S) | 48 | 65 (47–92) | 55 | 74 (54–103) | 49 | 58 (42–81) | 54 | 66 (48–92) |
| Frankston (C) | 70 | 45 (35–58) | 92 | 59 (47–72) | 102 | 65 (53–79) | 87 | 53 (42–66) |
| Gannawarra (S) | 19 | 115 (66–207) | 11 | 56 (27–129) | 16 | 89 (49–169) | 13 | 73 (35–154) |
| Glen Eira (C) | 84 | 51 (40–63) | 107 | 63 (51–76) | 69 | 42 (32–53) | 101 | 59 (48–72) |
| Glenelg (S) | 24 | 82 (52–131) | 15 | 53 (29–98) | 14 | 46 (25–88) | 20 | 74 (42–126) |
| Golden Plains (S) | 17 | 83 (47–140) | 16 | 80 (44–137) | 19 | 91 (53–150) | 12 | 53 (27–99) |
| Greater Bendigo (C) | 85 | 67 (54–84) | 94 | 69 (56–86) | 80 | 56 (44–71) | 103 | 70 (57–86) |
| Greater Dandenong (C) | 78 | 47 (37–59) | 98 | 59 (48–73) | 86 | 50 (40–63) | 91 | 52 (42–64) |
| Greater Geelong (C) | 162 | 56 (47–66) | 190 | 60 (52–70) | 180 | 59 (51–69) | 169 | 52 (44–61) |
| Greater Shepparton (C) | 56 | 76 (57–100) | 50 | 62 (46–83) | 53 | 64 (48–86) | 45 | 53 (38–72) |
| Hepburn (S) | 16 | 67 (38–127) | 10 | 44 (20–101) | 15 | 54 (30–107) | 10 | 34 (16–84) |
| Hindmarsh (S) | 6 | 55 (19–173) | 6 | 53 (19–177) | 11 | 98 (47–228) | 12 | 101 (51–230) |
| Hobsons Bay (C) | 64 | 63 (48–81) | 47 | 45 (33–61) | 72 | 66 (51–84) | 57 | 50 (38–66) |
| Horsham (RC) | 21 | 79 (48–127) | 18 | 56 (32–96) | 16 | 56 (31–98) | 21 | 80 (49–129) |
| Hume (C) | 85 | 53 (42–66) | 97 | 58 (47–71) | 106 | 60 (49–73) | 96 | 54 (44–67) |
| Indigo (S) | 17 | 76 (44–138) | 15 | 63 (35–121) | 12 | 51 (26–103) | 13 | 51 (27–105) |
| Kingston (C) | 122 | 63 (52–76) | 79 | 40 (31–50) | 114 | 58 (47–70) | 110 | 54 (44–66) |
| Knox (C) | 108 | 61 (50–74) | 98 | 54 (43–66) | 104 | 56 (46–68) | 83 | 44 (35–55) |
| Latrobe (C) | 54 | 57 (42–75) | 59 | 62 (47–81) | 54 | 58 (43–77) | 61 | 60 (46–79) |
| Loddon (S) | 5 | 32 (10–141) | 6 | 40 (14–146) | 8 | 50 (21–155) | 8 | 54 (23–170) |
| Macedon Ranges (S) | 24 | 46 (29–73) | 30 | 56 (37–83) | 27 | 51 (33–79) | 28 | 50 (33–75) |
| Manningham (C) | 93 | 51 (41–64) | 106 | 60 (49–73) | 73 | 39 (30–50) | 85 | 45 (36–57) |
| Mansfield (S) | 6 | 45 (16–139) | 11 | 94 (41–209) | 4 | 24 (6–112) | 12 | 81 (42–174) |
| Maribyrnong (C) | 34 | 50 (34–71) | 41 | 59 (42–81) | 37 | 51 (36–72) | 35 | 46 (32–66) |
| Maroondah (C) | 70 | 53 (41–67) | 57 | 43 (32–56) | 73 | 53 (41–67) | 63 | 44 (34–57) |
| Melbourne (C) | 28 | 40 (26–62) | 30 | 41 (27–63) | 28 | 33 (22–52) | 39 | 46 (32–66) |
| Melton (C) | 49 | 56 (40–76) | 34 | 36 (24–52) | 61 | 60 (45–79) | 55 | 46 (34–61) |
| Mildura (RC) | 41 | 62 (44–86) | 44 | 62 (45–86) | 31 | 45 (30–67) | 41 | 55 (39–77) |
| Mitchell (S) | 35 | 89 (62–125) | 36 | 83 (58–116) | 30 | 68 (46–99) | 32 | 76 (52–108) |
| Moira (S) | 40 | 87 (61–125) | 30 | 64 (42–98) | 31 | 62 (42–95) | 35 | 71 (48–105) |
| Monash (C) | 93 | 39 (32–49) | 128 | 53 (44–64) | 150 | 62 (52–73) | 101 | 41 (33–51) |
| Moonee Valley (C) | 64 | 45 (35–59) | 91 | 64 (52–80) | 77 | 53 (42–68) | 68 | 45 (35–58) |
| Moorabool (S) | 16 | 46 (26–78) | 16 | 48 (27–80) | 28 | 76 (50–113) | 27 | 71 (46–106) |
| Moreland (C) | 118 | 68 (56–82) | 97 | 55 (44–68) | 104 | 57 (46–69) | 100 | 53 (43–65) |
| Mornington Peninsula (S) | 124 | 52 (43–63) | 127 | 49 (40–59) | 137 | 50 (42–60) | 120 | 45 (37–56) |
| Mount Alexander (S) | 12 | 43 (22–87) | 10 | 33 (15–76) | 26 | 82 (51–132) | 17 | 49 (28–91) |
| Moyne (S) | 14 | 69 (37–126) | 18 | 83 (49–141) | 10 | 42 (20–87) | 14 | 64 (34–118) |
| Murrindindi (S) | 8 | 44 (16–109) | 13 | 57 (30–116) | 11 | 54 (25–117) | 16 | 71 (40–131) |
| Nillumbik (S) | 35 | 56 (38–81) | 39 | 66 (46–93) | 36 | 55 (38–79) | 32 | 44 (30–65) |
| Northern Grampians (S) | 17 | 90 (50–168) | 11 | 56 (27–121) | 12 | 66 (33–137) | 9 | 62 (26–137) |
| Port Phillip (C) | 52 | 56 (41–75) | 47 | 47 (34–64) | 55 | 51 (38–69) | 39 | 37 (26–53) |
| Pyrenees (S) | 7 | 78 (28–200) | 9 | 64 (29–168) | 12 | 101 (50–215) | 3 | 22 (4–127) |
| Queenscliffe (B) | 2 | 20 (2–367) | 3 | 31 (6–427) | 7 | 113 (34–542) | 3 | 33 (7–500) |
| South Gippsland (S) | 20 | 50 (30–85) | 32 | 73 (49–111) | 30 | 62 (41–96) | 22 | 45 (27–76) |
| Southern Grampians (S) | 20 | 69 (41–119) | 18 | 77 (44–133) | 15 | 57 (31–108) | 24 | 95 (58–155) |
| Stonnington (C) | 49 | 43 (32–58) | 69 | 54 (41–69) | 57 | 44 (33–59) | 65 | 52 (40–68) |
| Strathbogie (S) | 11 | 65 (32–145) | 7 | 35 (14–104) | 8 | 43 (18–114) | 17 | 93 (52–175) |
| Surf Coast (S) | 16 | 46 (26–79) | 26 | 73 (47–110) | 24 | 65 (41–101) | 21 | 58 (35–94) |
| Swan Hill (RC) | 21 | 80 (48–127) | 20 | 73 (44–119) | 18 | 68 (40–114) | 17 | 62 (36–106) |
| Towong (S) | 7 | 62 (25–187) | 6 | 50 (18–170) | 6 | 53 (19–171) | 3 | 45 (6–187) |
| Wangaratta (RC) | 28 | 71 (46–109) | 25 | 59 (37–93) | 27 | 60 (39–92) | 26 | 61 (39–95) |
| Warrnambool (C) | 32 | 65 (44–95) | 23 | 51 (32–80) | 27 | 59 (38–89) | 26 | 56 (36–85) |
| Wellington (S) | 37 | 65 (46–93) | 39 | 65 (45–92) | 47 | 76 (56–104) | 31 | 55 (37–81) |
| West Wimmera (S) | 8 | 116 (49–298) | 9 | 140 (63–345) | 8 | 105 (45–292) | 4 | 62 (16–237) |
| Whitehorse (C) | 127 | 60 (50–72) | 134 | 63 (52–75) | 111 | 53 (43–64) | 112 | 51 (42–62) |
| Whittlesea (C) | 109 | 64 (53–78) | 100 | 57 (46–69) | 114 | 59 (49–71) | 115 | 58 (48–70) |
| Wodonga (C) | 25 | 60 (39–90) | 32 | 77 (52–110) | 33 | 77 (53–110) | 23 | 50 (32–77) |
| Wyndham (C) | 65 | 50 (38–65) | 77 | 53 (41–67) | 71 | 45 (35–58) | 83 | 49 (38–61) |
| Yarra (C) | 50 | 73 (54–98) | 47 | 59 (43–82) | 48 | 62 (45–84) | 39 | 46 (33–66) |
| Yarra Ranges (S) | 82 | 47 (37–59) | 98 | 57 (46–70) | 91 | 53 (42–65) | 109 | 60 (49–72) |
| Yarriambiack (S) | 5 | 71 (35–146) | 10 | 70 (33–180) | 22 | 140 (86–259) | 4 | 41 (10–158) |

## Measure 1.5 – Incidence of melanoma

### Table 1.5a: Incidence of melanoma in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| Sex | Female | 1068 | 32 (30–34) | 1171 | 34 (32–36) | 1265 | 36 (34–38) | 1311 | 36 (34–38) |
| Male | 1403 | 45 (43–48) | 1545 | 49 (46–51) | 1575 | 48 (46–51) | 1673 | 50 (47–52) |
| Indigenous status | Aboriginal Victorian | 5 | 18 (5–66) | 11 | 44 (19–98) | 8 | 34 (12–84) | 2 | 5 (1–43) |
| Remoteness | Major cities | 1608 | 34 (32–35) | 1812 | 37 (35–39) | 1871 | 37 (35–39) | 1952 | 38 (36–39) |
| Inner regional | 700 | 52 (48–56) | 758 | 55 (51–59) | 782 | 55 (51–59) | 840 | 57 (53–61) |
| Outer regional/ remote | 163 | 49 (41–58) | 145 | 43 (36–52) | 187 | 52 (44–61) | 185 | 52 (44–61) |
| Socioeconomic status | 1 (most disadvantaged) | 467 | 32 (30–36) | 467 | 33 (30–36) | 492 | 35 (32–38) | 519 | 35 (32–38) |
| 2 | 491 | 38 (35–42) | 499 | 37 (34–41) | 524 | 38 (35–42) | 569 | 41 (37–44) |
| 3 | 484 | 38 (34–41) | 558 | 42 (39–46) | 554 | 41 (38–45) | 582 | 41 (38–45) |
| 4 | 459 | 37 (33–40) | 532 | 42 (38–45) | 575 | 42 (39–46) | 605 | 44 (40–47) |
| 5 (least disadvantaged) | 553 | 44 (41–48) | 639 | 51 (47–55) | 680 | 51 (47–55) | 681 | 50 (46–54) |
| Integrated Cancer Service | NEMICS | 531 | 33 (30–36) | 572 | 36 (33–39) | 569 | 34 (32–37) | 625 | 37 (34–40) |
| SMICS | 711 | 40 (37–43) | 805 | 44 (41–47) | 837 | 44 (41–48) | 834 | 43 (40–46) |
| WCMICS | 315 | 25 (22–28) | 359 | 27 (24–30) | 396 | 29 (26–32) | 391 | 28 (25–31) |
| BSWRICS | 230 | 50 (44–57) | 249 | 51 (45–59) | 292 | 59 (53–67) | 318 | 63 (56–71) |
| GRICS | 192 | 53 (46–62) | 152 | 42 (35–49) | 200 | 52 (45–61) | 211 | 53 (46–62) |
| HRICS | 148 | 42 (36–50) | 195 | 56 (48–65) | 176 | 49 (42–57) | 190 | 51 (44–59) |
| LMICS | 191 | 47 (41–55) | 216 | 53 (46–61) | 201 | 49 (42–57) | 247 | 56 (49–64) |
| GICS | 153 | 56 (47–66) | 167 | 61 (52–71) | 169 | 57 (49–67) | 161 | 54 (46–64) |
| **Overall** |  | **2471** | **38 (36–39)** | **2716** | **41 (39–42)** | **2840** | **41 (40–43)** | **2984** | **42 (41–44)** |

### Table 1.5b: Incidence of melanoma in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and by year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 9 | 48 (21–114) | 10 | 49 (22–115) | 4 | 19 (5–76) | 9 | 43 (19–106) |
| Ararat (RC) | 9 | 70 (31–145) | 10 | 74 (33–148) | 15 | 80 (44–145) | 7 | 44 (17–104) |
| Ballarat (C) | 65 | 60 (46–78) | 63 | 58 (44–75) | 61 | 55 (42–71) | 65 | 55 (42–71) |
| Banyule (C) | 57 | 37 (28–49) | 53 | 36 (27–48) | 55 | 37 (28–49) | 57 | 36 (27–47) |
| Bass Coast (S) | 28 | 52 (34–83) | 24 | 45 (28–74) | 35 | 69 (45–105) | 47 | 97 (68–138) |
| Baw Baw (S) | 24 | 43 (27–67) | 22 | 36 (22–57) | 30 | 48 (32–72) | 29 | 40 (27–61) |
| Bayside (C) | 73 | 54 (42–70) | 78 | 59 (46–75) | 76 | 55 (43–70) | 80 | 58 (45–74) |
| Benalla (RC) | 6 | 24 (8–73) | 12 | 67 (32–136) | 8 | 40 (16–98) | 16 | 74 (41–137) |
| Boroondara (C) | 75 | 37 (29–48) | 92 | 46 (37–57) | 91 | 44 (35–55) | 86 | 41 (33–52) |
| Brimbank (C) | 36 | 18 (13–25) | 44 | 22 (16–29) | 38 | 19 (13–26) | 32 | 15 (10–21) |
| Buloke (S) | 5 | 61 (17–195) | 5 | 65 (14–211) | 2 | 34 (3–176) | 6 | 83 (26–239) |
| Campaspe (S) | 24 | 45 (28–72) | 47 | 99 (71–136) | 35 | 78 (53–114) | 39 | 70 (49–100) |
| Cardinia (S) | 40 | 48 (34–66) | 40 | 44 (32–61) | 52 | 58 (43–77) | 49 | 51 (38–68) |
| Casey (C) | 71 | 28 (22–35) | 102 | 39 (31–47) | 96 | 35 (28–43) | 97 | 33 (27–41) |
| Central Goldfields (S) | 11 | 48 (23–114) | 9 | 43 (18–110) | 7 | 40 (14–108) | 13 | 59 (29–126) |
| Colac–Otway (S) | 20 | 73 (44–121) | 23 | 77 (47–125) | 17 | 54 (31–95) | 11 | 35 (16–71) |
| Corangamite (S) | 14 | 70 (37–130) | 13 | 74 (37–142) | 18 | 96 (54–167) | 16 | 69 (38–127) |
| Darebin (C) | 34 | 21 (14–30) | 39 | 24 (17–33) | 36 | 21 (15–30) | 45 | 27 (19–36) |
| East Gippsland (S) | 47 | 67 (48–95) | 31 | 46 (30–71) | 48 | 66 (47–94) | 33 | 40 (27–62) |
| Frankston (C) | 69 | 45 (35–58) | 66 | 43 (33–55) | 87 | 57 (45–70) | 74 | 46 (36–58) |
| Gannawarra (S) | 12 | 84 (39–176) | 4 | 24 (6–93) | 10 | 57 (25–131) | 10 | 51 (23–123) |
| Glen Eira (C) | 66 | 41 (32–53) | 72 | 43 (34–55) | 62 | 36 (27–47) | 67 | 40 (31–51) |
| Glenelg (S) | 10 | 42 (19–87) | 11 | 44 (20–89) | 12 | 41 (21–84) | 17 | 71 (40–125) |
| Golden Plains (S) | 10 | 50 (23–100) | 11 | 51 (25–99) | 9 | 38 (17–79) | 13 | 47 (25–88) |
| Greater Bendigo (C) | 60 | 49 (37–64) | 67 | 52 (40–67) | 59 | 46 (35–61) | 72 | 51 (40–65) |
| Greater Dandenong (C) | 39 | 23 (16–32) | 27 | 16 (10–24) | 21 | 12 (7–18) | 28 | 16 (11–24) |
| Greater Geelong (C) | 124 | 46 (38–55) | 128 | 45 (38–55) | 153 | 54 (45–63) | 188 | 63 (54–73) |
| Greater Shepparton (C) | 39 | 53 (38–74) | 58 | 79 (60–104) | 49 | 64 (47–86) | 50 | 63 (47–85) |
| Hepburn (S) | 16 | 76 (40–143) | 18 | 85 (46–155) | 18 | 91 (50–162) | 19 | 97 (54–172) |
| Hindmarsh (S) | 2 | 20 (2–133) | 1 | 10 (0–129) | 10 | 96 (44–229) | 9 | 82 (35–211) |
| Hobsons Bay (C) | 29 | 30 (20–43) | 31 | 30 (20–44) | 40 | 39 (28–54) | 33 | 31 (21–45) |
| Horsham (RC) | 9 | 38 (17–79) | 12 | 47 (23–91) | 15 | 69 (37–121) | 16 | 70 (39–121) |
| Hume (C) | 40 | 24 (17–33) | 41 | 23 (17–32) | 35 | 19 (13–26) | 51 | 26 (20–35) |
| Indigo (S) | 9 | 45 (20–104) | 11 | 52 (25–109) | 12 | 50 (25–103) | 8 | 37 (15–90) |
| Kingston (C) | 73 | 40 (31–50) | 77 | 41 (32–52) | 105 | 55 (45–67) | 86 | 43 (34–53) |
| Knox (C) | 75 | 41 (32–52) | 53 | 30 (22–39) | 69 | 37 (29–47) | 66 | 35 (27–44) |
| Latrobe (C) | 43 | 51 (36–70) | 43 | 47 (34–65) | 27 | 30 (20–45) | 37 | 39 (27–55) |
| Loddon (S) | 2 | 15 (2–124) | 10 | 83 (38–203) | 2 | 21 (2–129) | 5 | 38 (12–154) |
| Macedon Ranges (S) | 22 | 43 (27–70) | 36 | 67 (46–97) | 33 | 61 (41–89) | 41 | 72 (51–101) |
| Manningham (C) | 55 | 33 (25–44) | 53 | 32 (23–42) | 46 | 29 (21–40) | 51 | 27 (20–37) |
| Mansfield (S) | 7 | 52 (20–147) | 5 | 36 (11–129) | 11 | 82 (38–188) | 7 | 60 (19–163) |
| Maribyrnong (C) | 12 | 16 (8–29) | 12 | 15 (8–28) | 17 | 21 (12–35) | 11 | 15 (8–29) |
| Maroondah (C) | 54 | 41 (31–54) | 57 | 45 (34–59) | 57 | 43 (33–56) | 59 | 45 (34–58) |
| Melbourne (C) | 25 | 32 (20–51) | 23 | 27 (17–46) | 31 | 32 (21–50) | 33 | 36 (24–54) |
| Melton (C) | 25 | 28 (17–43) | 18 | 14 (8–23) | 36 | 32 (22–47) | 29 | 26 (17–38) |
| Mildura (RC) | 29 | 45 (30–67) | 20 | 28 (17–46) | 24 | 33 (21–51) | 40 | 60 (42–83) |
| Mitchell (S) | 12 | 31 (16–55) | 19 | 47 (28–75) | 10 | 23 (11–45) | 21 | 50 (31–77) |
| Moira (S) | 16 | 44 (23–80) | 25 | 61 (38–98) | 30 | 79 (51–122) | 12 | 28 (14–57) |
| Monash (C) | 52 | 23 (17–31) | 64 | 28 (21–36) | 64 | 26 (20–34) | 89 | 37 (30–46) |
| Moonee Valley (C) | 44 | 32 (23–44) | 56 | 41 (31–53) | 60 | 43 (33–57) | 53 | 37 (27–49) |
| Moorabool (S) | 18 | 49 (29–80) | 23 | 61 (38–95) | 17 | 42 (24–70) | 13 | 35 (18–62) |
| Moreland (C) | 37 | 21 (15–30) | 52 | 30 (22–40) | 57 | 32 (24–42) | 65 | 37 (28–47) |
| Mornington Peninsula (S) | 131 | 60 (50–73) | 165 | 70 (59–83) | 144 | 61 (51–73) | 152 | 62 (52–74) |
| Mount Alexander (S) | 20 | 74 (44–127) | 9 | 34 (14–78) | 14 | 38 (21–77) | 11 | 40 (19–84) |
| Moyne (S) | 10 | 54 (25–110) | 12 | 54 (28–106) | 13 | 60 (31–113) | 12 | 64 (32–121) |
| Murrindindi (S) | 7 | 35 (14–93) | 10 | 55 (25–118) | 4 | 20 (5–73) | 12 | 58 (28–121) |
| Nillumbik (S) | 30 | 47 (31–70) | 29 | 43 (28–64) | 28 | 39 (25–59) | 33 | 45 (30–65) |
| Northern Grampians (S) | 13 | 96 (49–183) | 17 | 102 (58–182) | 11 | 68 (32–142) | 8 | 45 (19–110) |
| Port Phillip (C) | 41 | 38 (27–54) | 49 | 46 (34–63) | 61 | 55 (41–72) | 51 | 46 (34–63) |
| Pyrenees (S) | 3 | 35 (7–140) | 5 | 39 (12–140) | 7 | 50 (19–151) | 5 | 40 (12–148) |
| Queenscliffe (B) | 4 | 64 (16–411) | 3 | 106 (9–560) | 4 | 47 (13–467) | 5 | 52 (17–515) |
| South Gippsland (S) | 26 | 63 (40–99) | 16 | 40 (22–72) | 25 | 54 (34–86) | 29 | 65 (42–101) |
| Southern Grampians (S) | 8 | 40 (16–90) | 11 | 49 (23–100) | 6 | 26 (9–72) | 9 | 37 (16–84) |
| Stonnington (C) | 56 | 48 (36–64) | 65 | 54 (41–70) | 69 | 58 (45–74) | 61 | 51 (39–67) |
| Strathbogie (S) | 12 | 73 (33–160) | 6 | 37 (11–112) | 10 | 51 (24–124) | 15 | 97 (48–190) |
| Surf Coast (S) | 19 | 61 (36–100) | 25 | 71 (45–108) | 27 | 75 (48–113) | 35 | 90 (62–131) |
| Swan Hill (RC) | 6 | 20 (7–51) | 9 | 39 (17–79) | 15 | 57 (32–100) | 10 | 32 (15–66) |
| Towong (S) | 1 | 10 (0–129) | 2 | 16 (2–133) | 2 | 17 (2–129) | 8 | 87 (30–234) |
| Wangaratta (RC) | 15 | 37 (20–68) | 24 | 63 (40–100) | 15 | 43 (23–76) | 18 | 42 (24–73) |
| Warrnambool (C) | 21 | 55 (33–87) | 23 | 57 (36–88) | 42 | 97 (69–135) | 25 | 58 (36–89) |
| Wellington (S) | 24 | 41 (26–65) | 16 | 32 (18–55) | 35 | 59 (41–85) | 36 | 63 (44–91) |
| West Wimmera (S) | 3 | 58 (10–240) | 3 | 59 (12–253) | 1 | 16 (0–193) | 2 | 30 (4–197) |
| Whitehorse (C) | 56 | 27 (20–36) | 83 | 40 (32–50) | 68 | 33 (26–43) | 75 | 34 (27–43) |
| Whittlesea (C) | 33 | 19 (13–28) | 46 | 25 (18–34) | 40 | 20 (15–28) | 62 | 31 (24–40) |
| Wodonga (C) | 15 | 39 (21–65) | 13 | 32 (17–55) | 21 | 51 (31–79) | 14 | 33 (18–57) |
| Wyndham (C) | 42 | 28 (20–40) | 60 | 34 (26–45) | 45 | 26 (19–36) | 53 | 30 (22–40) |
| Yarra (C) | 25 | 30 (19–47) | 22 | 26 (16–43) | 37 | 40 (28–59) | 31 | 31 (21–47) |
| Yarra Ranges (S) | 62 | 37 (28–48) | 67 | 40 (30–51) | 79 | 46 (36–58) | 91 | 51 (41–63) |
| Yarriambiack (S) | 5 | 46 (14–162) | 4 | 47 (9–17 | 5 | 31 (9–135) | 4 | 34 (8–146) |

## Measure 1.6 – Incidence of female breast cancer

### Table 1.6a: Incidence of female cancer in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | | A2015  SR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) | |
| Sex | Female | 4228 | 126 (122–130) | 4323 | | 126 (122–130) | 4352 | 125 (121–129) | 4512 | 126 (122–130) | |
| Male | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | |
| Indigenous status | Aboriginal Victorian | 24 | 188 (113–311) | 34 | 278 (185–414) | | 32 | 207 (138–316) | 26 | 201 (125–319) | |
| Remoteness | Major cities | 3125 | 126 (122–131) | 3183 | 126 (121–130) | | 3223 | 125 (121–129) | 3281 | 124 (119–128) | |
| Inner regional | 876 | 124 (115–132) | 940 | 130 (122–139) | | 894 | 122 (114–131) | 998 | 132 (124–141) | |
| Outer regional/ remote | 227 | 136 (117–156) | 199 | 113 (97–131) | | 235 | 135 (117–155) | 219 | 123 (107–143) | |
| Socioeconomic status | 1 (most disadvantaged) | 802 | 113 (105–122) | 828 | 113 (105–122) | | 827 | 115 (107–123) | 845 | 114 (106–123) | |
| 2 | 801 | 121 (112–130) | 832 | 122 (114–131) | | 848 | 123 (115–132) | 827 | 118 (110–127) | |
| 3 | 820 | 125 (117–134) | 816 | 121 (113–130) | | 814 | 118 (110–127) | 912 | 127 (119–135) | |
| 4 | 851 | 129 (121–139) | 852 | 127 (118–136) | | 861 | 124 (116–133) | 917 | 128 (120–137) | |
| 5 (least disadvantaged) | 923 | 140 (131–149) | 972 | 144 (135–153) | | 981 | 140 (131–149) | 982 | 136 (128–145) | |
| Integrated Cancer Service | NEMICS | 1094 | 133 (125–142) | 1070 | 128 (121–136) | | 1096 | 130 (122–138) | 1123 | 130 (123–138) | |
| SMICS | 1116 | 121 (113–128) | 1190 | 127 (119–134) | | 1233 | 128 (121–136) | 1225 | 125 (118–133) | |
| WCMICS | 805 | 124 (115–133) | 826 | 122 (114–131) | | 807 | 116 (108–125) | 846 | 116 (108–124) | |
| BSWRICS | 320 | 133 (118–149) | 299 | 120 (106–135) | | 300 | 113 (100–127) | 337 | 128 (115–144) | |
| GRICS | 225 | 123 (107–142) | 246 | 128 (112–147) | | 252 | 138 (121–158) | 260 | 130 (114–148) | |
| HRICS | 255 | 144 (126–164) | 243 | 134 (117–153) | | 221 | 121 (105–139) | 237 | 129 (113–148) | |
| LMICS | 254 | 122 (107–139) | 266 | 124 (109–141) | | 269 | 127 (112–145) | 298 | 138 (123–156) | |
| GICS | 158 | 107 (90–126) | 181 | 125 (107–146) | | 174 | 114 (97–133) | 172 | | 110 (93–128) |
| **Overall** |  | **4228** | **126 (122–130)** | **4323** | **126 (122–130)** | | **4352** | **125 (121–129)** | **4512** | | **126 (122–130)** |

### Table 1.6b: Incidence of female cancer in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and by year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 17 | 175 (99–325) | 13 | 127 (66–263) | 4 | 40 (9–166) | 12 | 125 (58–277) |
| Ararat (RC) | 5 | 78 (21–224) | 7 | 99 (36–240) | 11 | 141 (68–286) | 9 | 130 (55–286) |
| Ballarat (C) | 63 | 107 (82–138) | 80 | 136 (107–171) | 82 | 130 (102–163) | 68 | 101 (78–130) |
| Banyule (C) | 119 | 147 (121–178) | 102 | 129 (105–158) | 131 | 171 (143–205) | 104 | 132 (107–161) |
| Bass Coast (S) | 38 | 168 (115–246) | 41 | 150 (105–219) | 29 | 114 (72–181) | 37 | 109 (75–169) |
| Baw Baw (S) | 33 | 110 (75–160) | 35 | 104 (72–150) | 36 | 111 (77–159) | 50 | 153 (112–207) |
| Bayside (C) | 102 | 146 (119–181) | 86 | 126 (100–158) | 98 | 142 (115–177) | 99 | 140 (113–173) |
| Benalla (RC) | 16 | 168 (90–309) | 14 | 151 (77–288) | 16 | 117 (66–222) | 18 | 160 (92–282) |
| Boroondara (C) | 127 | 120 (100–144) | 137 | 129 (108–154) | 134 | 127 (106–152) | 159 | 149 (127–176) |
| Brimbank (C) | 144 | 139 (117–164) | 135 | 125 (105–149) | 109 | 103 (85–125) | 128 | 114 (95–136) |
| Buloke (S) | 6 | 118 (41–372) | 5 | 112 (35–374) | 4 | 91 (21–377) | 4 | 82 (21–409) |
| Campaspe (S) | 33 | 121 (82–180) | 31 | 112 (75–168) | 29 | 109 (72–166) | 31 | 116 (77–174) |
| Cardinia (S) | 58 | 137 (103–179) | 58 | 126 (96–165) | 60 | 124 (95–162) | 59 | 115 (88–150) |
| Casey (C) | 165 | 124 (106–145) | 177 | 128 (110–149) | 207 | 140 (122–161) | 159 | 104 (88–122) |
| Central Goldfields (S) | 14 | 132 (69–266) | 17 | 154 (87–289) | 12 | 144 (66–301) | 13 | 133 (66–270) |
| Colac–Otway (S) | 15 | 104 (56–188) | 17 | 116 (65–205) | 14 | 92 (47–173) | 15 | 92 (49–170) |
| Corangamite (S) | 11 | 109 (50–224) | 12 | 108 (52–218) | 14 | 124 (65–238) | 16 | 136 (76–247) |
| Darebin (C) | 106 | 130 (106–159) | 98 | 119 (96–146) | 83 | 99 (79–124) | 105 | 125 (102–152) |
| East Gippsland (S) | 43 | 126 (89–179) | 43 | 117 (82–167) | 46 | 125 (89–178) | 52 | 142 (102–198) |
| Frankston (C) | 87 | 108 (87–135) | 115 | 140 (115–169) | 106 | 129 (105–157) | 105 | 125 (102–152) |
| Gannawarra (S) | 15 | 195 (101–375) | 9 | 99 (40–248) | 19 | 231 (133–411) | 14 | 150 (79–306) |
| Glen Eira (C) | 108 | 131 (107–159) | 127 | 155 (129–186) | 107 | 121 (98–147) | 124 | 147 (122–176) |
| Glenelg (S) | 19 | 152 (89–256) | 11 | 81 (39–167) | 29 | 211 (138–322) | 20 | 145 (85–247) |
| Golden Plains (S) | 11 | 105 (51–204) | 15 | 130 (71–230) | 12 | 101 (52–192) | 14 | 117 (62–210) |
| Greater Bendigo (C) | 68 | 105 (81–136) | 89 | 129 (103–161) | 88 | 132 (105–164) | 103 | 149 (121–183) |
| Greater Dandenong (C) | 69 | 82 (63–105) | 75 | 86 (67–109) | 88 | 103 (83–129) | 83 | 98 (78–122) |
| Greater Geelong (C) | 183 | 129 (111–151) | 182 | 122 (104–142) | 183 | 116 (100–136) | 195 | 125 (107–144) |
| Greater Shepparton (C) | 47 | 130 (95–175) | 48 | 120 (88–163) | 42 | 112 (80–154) | 59 | 158 (119–207) |
| Hepburn (S) | 11 | 108 (53–230) | 10 | 88 (41–200) | 12 | 80 (41–180) | 17 | 108 (61–214) |
| Hindmarsh (S) | 6 | 139 (45–416) | 5 | 135 (39–426) | 3 | 74 (15–339) | 5 | 109 (34–377) |
| Hobsons Bay (C) | 67 | 125 (97–161) | 68 | 129 (100–166) | 68 | 126 (97–161) | 77 | 141 (111–178) |
| Horsham (RC) | 16 | 128 (71–222) | 19 | 137 (82–227) | 8 | 60 (25–133) | 17 | 143 (80–243) |
| Hume (C) | 81 | 95 (75–119) | 122 | 135 (112–162) | 109 | 113 (92–136) | 114 | 111 (92–134) |
| Indigo (S) | 14 | 116 (62–233) | 12 | 109 (54–225) | 16 | 138 (77–256) | 15 | 141 (76–267) |
| Kingston (C) | 113 | 119 (98–145) | 123 | 126 (104–152) | 122 | 125 (103–150) | 120 | 117 (97–141) |
| Knox (C) | 111 | 117 (96–142) | 112 | 117 (96–141) | 122 | 128 (106–154) | 125 | 127 (105–152) |
| Latrobe (C) | 51 | 114 (84–152) | 61 | 127 (96–167) | 72 | 160 (124–205) | 63 | 129 (98–169) |
| Loddon (S) | 3 | 41 (8–276) | 5 | 90 (27–327) | 7 | 143 (53–394) | 8 | 102 (43–337) |
| Macedon Ranges (S) | 26 | 95 (61–146) | 39 | 131 (92–187) | 38 | 121 (85–174) | 46 | 159 (115–219) |
| Manningham (C) | 115 | 145 (118–176) | 104 | 126 (102–155) | 107 | 131 (106–161) | 112 | 135 (111–165) |
| Mansfield (S) | 11 | 181 (87–403) | 8 | 159 (66–385) | 9 | 155 (69–377) | 6 | 109 (37–318) |
| Maribyrnong (C) | 43 | 119 (86–164) | 44 | 109 (78–149) | 29 | 72 (48–107) | 48 | 113 (83–153) |
| Maroondah (C) | 97 | 149 (121–183) | 85 | 126 (100–157) | 81 | 121 (96–152) | 88 | 125 (100–155) |
| Melbourne (C) | 52 | 136 (100–188) | 61 | 143 (109–193) | 57 | 127 (95–174) | 49 | 101 (74–142) |
| Melton (C) | 65 | 120 (91–157) | 68 | 118 (91–153) | 66 | 112 (85–145) | 78 | 122 (96–155) |
| Mildura (RC) | 54 | 168 (125–223) | 41 | 121 (86–169) | 38 | 109 (76–154) | 43 | 125 (89–173) |
| Mitchell (S) | 31 | 146 (99–211) | 10 | 44 (21–85) | 34 | 153 (105–216) | 21 | 86 (53–135) |
| Moira (S) | 30 | 150 (98–228) | 30 | 161 (105–244) | 23 | 113 (69–183) | 20 | 86 (51–145) |
| Monash (C) | 138 | 126 (106–150) | 108 | 100 (82–122) | 135 | 121 (101–145) | 130 | 117 (97–140) |
| Moonee Valley (C) | 98 | 142 (115–174) | 81 | 115 (91–145) | 91 | 130 (105–161) | 99 | 130 (105–161) |
| Moorabool (S) | 24 | 124 (79–190) | 24 | 130 (83–199) | 14 | 76 (41–132) | 20 | 108 (65–172) |
| Moreland (C) | 91 | 108 (87–135) | 105 | 123 (100–151) | 103 | 118 (96–145) | 116 | 128 (106–156) |
| Mornington Peninsula (S) | 134 | 109 (91–132) | 164 | 140 (118–166) | 159 | 135 (113–161) | 174 | 143 (121–169) |
| Mount Alexander (S) | 25 | 172 (109–287) | 23 | 166 (102–280) | 9 | 73 (31–168) | 24 | 157 (98–265) |
| Moyne (S) | 14 | 121 (65–224) | 6 | 55 (20–145) | 10 | 96 (45–197) | 15 | 143 (77–257) |
| Murrindindi (S) | 11 | 110 (53–237) | 13 | 132 (68–261) | 11 | 118 (57–245) | 14 | 152 (78–289) |
| Nillumbik (S) | 49 | 141 (102–192) | 54 | 148 (110–198) | 56 | 146 (109–193) | 47 | 120 (88–164) |
| Northern Grampians (S) | 7 | 61 (22–185) | 6 | 68 (24–196) | 13 | 140 (71–285) | 7 | 84 (33–213) |
| Port Phillip (C) | 59 | 117 (89–156) | 68 | 131 (102–171) | 68 | 126 (97–164) | 77 | 135 (106–173) |
| Pyrenees (S) | 5 | 120 (36–375) | 4 | 95 (22–343) | 7 | 167 (61–418) | 7 | 118 (45–337) |
| Queenscliffe (B) | 2 | 113 (12–904) | 5 | 164 (47–1247) | 2 | 44 (5–796) | 3 | 134 (15–1159) |
| South Gippsland (S) | 27 | 126 (82–196) | 28 | 141 (91–219) | 24 | 128 (78–205) | 27 | 122 (78–194) |
| Southern Grampians (S) | 19 | 166 (97–283) | 5 | 59 (18–157) | 17 | 142 (81–252) | 18 | 168 (95–294) |
| Stonnington (C) | 83 | 145 (115–182) | 89 | 144 (115–180) | 83 | 134 (106–169) | 95 | 153 (123–189) |
| Strathbogie (S) | 13 | 177 (87–362) | 12 | 182 (86–371) | 12 | 172 (78–356) | 4 | 38 (10–165) |
| Surf Coast (S) | 24 | 137 (87–212) | 33 | 178 (121–261) | 17 | 84 (48–147) | 26 | 138 (89–213) |
| Swan Hill (RC) | 10 | 76 (36–152) | 7 | 54 (21–123) | 25 | 191 (121–295) | 12 | 98 (49–184) |
| Towong (S) | 10 | 198 (92–467) | 7 | 125 (48–387) | 4 | 108 (27–389) | 8 | 200 (77–525) |
| Wangaratta (RC) | 21 | 113 (68–185) | 36 | 185 (128–268) | 21 | 104 (63–172) | 35 | 174 (118–256) |
| Warrnambool (C) | 33 | 165 (112–238) | 28 | 137 (90–205) | 14 | 63 (33–112) | 29 | 128 (84–191) |
| Wellington (S) | 33 | 114 (77–166) | 38 | 138 (96–197) | 45 | 172 (123–237) | 31 | 103 (69–153) |
| West Wimmera (S) | 2 | 79 (6–428) | 4 | 120 (32–496) | 4 | 121 (33–518) | 4 | 149 (37–542) |
| Whitehorse (C) | 136 | 135 (113–161) | 151 | 148 (125–175) | 131 | 129 (107–154) | 147 | 146 (122–172) |
| Whittlesea (C) | 128 | 140 (117–167) | 97 | 102 (83–125) | 138 | 137 (115–162) | 118 | 115 (95–138) |
| Wodonga (C) | 34 | 158 (109–224) | 40 | 184 (130–253) | 29 | 136 (90–198) | 25 | 117 (75–176) |
| Wyndham (C) | 102 | 128 (104–158) | 99 | 118 (95–146) | 112 | 125 (102–152) | 82 | 87 (69–110) |
| Yarra (C) | 62 | 152 (116–200) | 43 | 106 (76–147) | 63 | 147 (112–192) | 55 | 122 (91–164) |
| Yarra Ranges (S) | 106 | 118 (96–144) | 130 | 144 (120–172) | 113 | 123 (101–149) | 118 | 123 (101–148) |
| Yarriambiack (S) | 8 | 150 (59–403) | 7 | 176 (62–453) | 8 | 175 (62–448) | 4 | 62 (17–289) |

## Measure 1.7 – Incidence of cancer of the cervix

### Table 1.7a: Incidence of cancer of the cervix in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | | 2017  ASR (CI) |
| Sex | Female | 181 | 6 (5–7) | 185 | 6 (5–7) | 218 | 7 (6–8) | 203 | | 6 (5–7) |
| Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Indigenous status | Aboriginal Victorian | 1 | 5 (0–77) | 2 | 11 (1–78) | 4 | 28 (6–103) | 3 | | 35 (6–120) |
| Remoteness | Major cities | 135 | 6 (5–7) | 133 | 5 (5–7) | 168 | 7 (6–8) | 158 | | 6 (5–7) |
| Inner regional | 41 | 8 (5–11) | 43 | 7 (5–10) | 42 | 8 (5–11) | 39 | | 7 (5–10) |
| Outer regional/ remote | 5 | 4 (1–11) | 9 | 8 (3–15) | 8 | 6 (2–13) | 6 | | 5 (2–12) |
| Socioeconomic status | 1 (most disadvantaged) | 45 | 8 (6–11) | 51 | 9 (6–12) | 48 | 7 (5–10) | 46 | | 8 (6–11) |
| 2 | 38 | 7 (5–9) | 36 | 6 (4–8) | 31 | 5 (3–7) | 44 | | 7 (5–9) |
| 3 | 33 | 5 (4–7) | 30 | 5 (3–7) | 60 | 9 (7–12) | 32 | | 5 (3–7) |
| 4 | 33 | 5 (4–7) | 29 | 4 (3–6) | 41 | 6 (4–8) | 45 | | 7 (5–9) |
| 5 (least disadvantaged) | 29 | 5 (3–7) | 39 | 6 (4–9) | 38 | 6 (4–8) | 36 | | 5 (4–7) |
| Integrated Cancer Service | NEMICS | 40 | 5 (4–7) | 36 | 5 (3–6) | 47 | 6 (5–8) | 50 | | 7 (5–9) |
| SMICS | 49 | 6 (4–8) | 50 | 6 (4–8) | 62 | 7 (5–9) | 59 | | 6 (5–8) |
| WCMICS | 42 | 6 (4–8) | 40 | 6 (4–8) | 55 | 7 (6–10) | 39 | | 5 (4–7) |
| BSWRICS | 6 | 3 (1–7) | 11 | 5 (3–10) | 14 | 8 (4–13) | 15 | | 7 (4–12) |
| GRICS | 16 | 13 (7–21) | 9 | 6 (2–12) | 12 | 8 (4–15) | 8 | | 6 (3–13) |
| HRICS | 12 | 11 (5–19) | 13 | 9 (5–16) | 7 | 4 (2–10) | 11 | | 8 (4–15) |
| LMICS | 10 | 6 (3–11) | 13 | 8 (4–13) | 14 | 10 (5–16) | 12 | | 7 (4–14) |
| GICS | 6 | 5 (2–12) | 13 | 12 (6–21) | 7 | 6 (2–13) | | 9 | 8 (4–16) |
| **Overall** |  | **181** | **6 (5–7)** | **185** | **6 (5–7)** | **218** | **7 (6–8)** | | **203** | **6 (5–7)** |

### Table 1.7b: Incidence of cancer of the cervix in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and by year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 1 | 23 (1–150) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Ararat (RC) | 0 | 0 (0) | 2 | 37 (3–164) | 0 | 0 (0) | 0 | 0 (0) |
| Ballarat (C) | 2 | 3 (0–14) | 7 | 15 (6–32) | 6 | 11 (4–25) | 5 | 11 (3–26) |
| Banyule (C) | 2 | 3 (0–13) | 6 | 9 (3–21) | 1 | 2 (0–11) | 6 | 9 (3–20) |
| Bass Coast (S) | 1 | 6 (0–48) | 1 | 2 (0–41) | 0 | 0 (0) | 1 | 6 (0–50) |
| Baw Baw (S) | 4 | 17 (4–47) | 2 | 6 (1–29) | 1 | 4 (0–27) | 1 | 3 (0–23) |
| Bayside (C) | 5 | 11 (3–28) | 7 | 12 (4–30) | 4 | 7 (2–22) | 1 | 1 (0–13) |
| Benalla (RC) | 0 | 0 (0) | 0 | 0 (0) | 2 | 29 (2–132) | 1 | 22 (1–125) |
| Boroondara (C) | 5 | 5 (1–12) | 4 | 3 (1–11) | 4 | 4 (1–12) | 2 | 2 (0–9) |
| Brimbank (C) | 7 | 8 (3–16) | 6 | 6 (2–13) | 8 | 8 (3–16) | 5 | 5 (2–12) |
| Buloke (S) | 0 | 0 (0) | 1 | 18 (0–261) | 0 | 0 (0) | 1 | 50 (1–396) |
| Campaspe (S) | 2 | 10 (1–47) | 2 | 11 (1–47) | 0 | 0 (0) | 3 | 19 (4–60) |
| Cardinia (S) | 5 | 12 (4–30) | 0 | 0 (0) | 7 | 14 (6–31) | 5 | 10 (3–24) |
| Casey (C) | 6 | 5 (2–10) | 6 | 4 (2–10) | 11 | 8 (4–14) | 9 | 6 (3–11) |
| Central Goldfields (S) | 0 | 0 (0) | 1 | 8 (0–112) | 0 | 0 (0) | 0 | 0 (0) |
| Colac–Otway (S) | 1 | 9 (0–66) | 1 | 7 (0–63) | 1 | 10 (0–69) | 1 | 5 (0–57) |
| Corangamite (S) | 0 | 0 (0) | 1 | 13 (0–97) | 3 | 48 (9–157) | 0 | 0 (0) |
| Darebin (C) | 6 | 7 (3–18) | 3 | 4 (1–14) | 8 | 10 (4–21) | 4 | 5 (1–15) |
| East Gippsland (S) | 1 | 5 (0–35) | 1 | 6 (0–38) | 5 | 19 (5–54) | 1 | 7 (0–41) |
| Frankston (C) | 6 | 9 (3–21) | 4 | 5 (1–13) | 8 | 11 (5–23) | 9 | 12 (6–24) |
| Gannawarra (S) | 1 | 17 (0–151) | 0 | 0 (0) | 0 | 0 (0) | 1 | 9 (0–138) |
| Glen Eira (C) | 1 | 1 (0–9) | 5 | 7 (2–17) | 3 | 4 (1–13) | 6 | 8 (3–18) |
| Glenelg (S) | 0 | 0 (0) | 1 | 6 (0–71) | 0 | 0 (0) | 0 | 0 (0) |
| Golden Plains (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 2 | 21 (2–87) |
| Greater Bendigo (C) | 2 | 4 (1–16) | 4 | 7 (2–20) | 8 | 15 (6–31) | 3 | 5 (1–17) |
| Greater Dandenong (C) | 3 | 4 (1–13) | 4 | 4 (1–13) | 2 | 2 (0–9) | 4 | 4 (1–13) |
| Greater Geelong (C) | 4 | 3 (1–9) | 8 | 7 (3–14) | 8 | 7 (3–14) | 10 | 7 (3–14) |
| Greater Shepparton (C) | 7 | 24 (9–50) | 8 | 23 (10–47) | 0 | 0 (0) | 4 | 12 (3–34) |
| Hepburn (S) | 1 | 11 (0–110) | 0 | 0 (0) | 0 | 0 (0) | 1 | 19 (0–124) |
| Hindmarsh (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 1 | 19 (0–270) |
| Hobsons Bay (C) | 3 | 6 (1–20) | 2 | 4 (0–17) | 5 | 10 (3–26) | 3 | 5 (1–18) |
| Horsham (RC) | 0 | 0 (0) | 2 | 24 (3–92) | 0 | 0 (0) | 0 | 0 (0) |
| Hume (C) | 9 | 10 (5–20) | 5 | 5 (2–13) | 8 | 8 (3–16) | 3 | 3 (1–10) |
| Indigo (S) | 1 | 22 (1–134) | 1 | 22 (1–130) | 0 | 0 (0) | 0 | 0 (0) |
| Kingston (C) | 4 | 5 (1–14) | 4 | 5 (1–14) | 6 | 6 (2–15) | 3 | 3 (1–11) |
| Knox (C) | 1 | 1 (0–8) | 3 | 4 (1–12) | 5 | 6 (2–15) | 11 | 14 (7–25) |
| Latrobe (C) | 6 | 19 (7–43) | 2 | 4 (1–20) | 3 | 8 (1–25) | 2 | 6 (1–24) |
| Loddon (S) | 1 | 13 (0–249) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Macedon Ranges (S) | 0 | 0 (0) | 2 | 8 (1–40) | 3 | 15 (3–49) | 2 | 7 (1–37) |
| Manningham (C) | 4 | 8 (2–20) | 4 | 5 (1–16) | 4 | 7 (2–19) | 2 | 2 (0–11) |
| Mansfield (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Maribyrnong (C) | 0 | 0 (0) | 2 | 5 (1–23) | 0 | 0 (0) | 2 | 5 (1–22) |
| Maroondah (C) | 3 | 6 (1–17) | 1 | 2 (0–12) | 4 | 7 (2–19) | 6 | 10 (3–23) |
| Melbourne (C) | 1 | 1 (0–28) | 2 | 3 (0–30) | 7 | 15 (6–44) | 6 | 8 (2–32) |
| Melton (C) | 6 | 10 (4–25) | 4 | 8 (2–23) | 6 | 8 (3–21) | 7 | 9 (4–21) |
| Mildura (RC) | 2 | 8 (1–32) | 2 | 8 (1–31) | 0 | 0 (0) | 1 | 4 (0–25) |
| Mitchell (S) | 1 | 7 (0–36) | 2 | 10 (1–40) | 1 | 3 (0–27) | 3 | 15 (3–45) |
| Moira (S) | 0 | 0 (0) | 0 | 0 (0) | 1 | 10 (0–57) | 0 | 0 (0) |
| Monash (C) | 6 | 7 (2–16) | 4 | 4 (1–12) | 5 | 5 (2–14) | 5 | 5 (2–13) |
| Moonee Valley (C) | 4 | 7 (2–18) | 4 | 6 (2–17) | 6 | 8 (3–20) | 3 | 4 (1–15) |
| Moorabool (S) | 1 | 8 (0–46) | 1 | 8 (0–44) | 0 | 0 (0) | 0 | 0 (0) |
| Moreland (C) | 5 | 5 (2–15) | 6 | 6 (2–16) | 5 | 5 (1–13) | 3 | 3 (1–12) |
| Mornington Peninsula (S) | 9 | 10 (4–22) | 4 | 6 (1–16) | 5 | 8 (3–20) | 6 | 6 (2–15) |
| Mount Alexander (S) | 2 | 16 (2–102) | 0 | 0 (0) | 1 | 19 (0–111) | 0 | 0 (0) |
| Moyne (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 1 | 16 (0–100) |
| Murrindindi (S) | 0 | 0 (0) | 1 | 21 (1–132) | 0 | 0 (0) | 0 | 0 (0) |
| Nillumbik (S) | 1 | 4 (0–24) | 1 | 4 (0–25) | 5 | 15 (5–40) | 2 | 5 (1–25) |
| Northern Grampians (S) | 2 | 32 (3–159) | 1 | 9 (0–121) | 1 | 30 (1–166) | 0 | 0 (0) |
| Port Phillip (C) | 3 | 4 (1–22) | 8 | 14 (6–35) | 7 | 10 (4–29) | 6 | 9 (3–27) |
| Pyrenees (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Queenscliffe (B) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| South Gippsland (S) | 1 | 6 (0–50) | 0 | 0 (0) | 2 | 21 (3–78) | 0 | 0 (0) |
| Southern Grampians (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Stonnington (C) | 1 | 1 (0–13) | 4 | 7 (2–21) | 4 | 6 (1–19) | 5 | 10 (3–25) |
| Strathbogie (S) | 1 | 38 (1–209) | 0 | 0 (0) | 0 | 0 (0) | 1 | 33 (1–184) |
| Surf Coast (S) | 1 | 5 (0–45) | 0 | 0 (0) | 0 | 0 (0) | 1 | 7 (0–51) |
| Swan Hill (RC) | 0 | 0 (0) | 1 | 10 (0–63) | 2 | 20 (2–83) | 1 | 11 (0–69) |
| Towong (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Wangaratta (RC) | 1 | 10 (0–57) | 0 | 0 (0) | 0 | 0 (0) | 2 | 11 (1–54) |
| Warrnambool (C) | 0 | 0 (0) | 0 | 0 (0) | 2 | 14 (2–52) | 2 | 8 (1–38) |
| Wellington (S) | 3 | 13 (3–45) | 3 | 14 (2–47) | 1 | 3 (0–28) | 3 | 16 (3–50) |
| West Wimmera (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Whitehorse (C) | 4 | 4 (1–11) | 8 | 8 (3–18) | 8 | 9 (4–18) | 7 | 7 (3–16) |
| Whittlesea (C) | 6 | 6 (2–14) | 2 | 2 (0–8) | 3 | 3 (1–9) | 4 | 4 (1–11) |
| Wodonga (C) | 0 | 0 (0) | 1 | 4 (0–29) | 3 | 14 (3–44) | 0 | 0 (0) |
| Wyndham (C) | 6 | 7 (2–17) | 6 | 6 (2–15) | 5 | 6 (2–15) | 4 | 3 (1–11) |
| Yarra (C) | 1 | 1 (0–21) | 3 | 7 (1–28) | 5 | 11 (3–32) | 3 | 6 (1–26) |
| Yarra Ranges (S) | 8 | 10 (4–21) | 4 | 5 (1–14) | 5 | 7 (2–16) | 6 | 8 (3–17) |
| Yarriambiack (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |

## Measure 1.8 – Incidence of liver cancer

### Table 1.8a: Incidence of liver cancer in Victoria per 100,000 standardised to the 2001 Australian population, by sex, Indigenous status, remoteness, socioeconomic status, ICS and by year of diagnosis, 2014–2017

| Population group | | Subgroup | | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sex | Female | | 140 | | 4 (3–5) | 181 | 5 (4–6) | 178 | 5 (3–5) | 163 | 4 (3–5) |
| Male | | 421 | | 13 ( | 412 | 13 ( | 428 | 13 ( | 380 | 11 ( |
| Indigenous status | Aboriginal Victorian | | 561 | | 8 (10–80) | 14 | 45 (24–93) | 6 | 17 (6–58) | 10 | 35 (14–83) |
| Remoteness | Major cities | | 424 | | 9 (8–10) | 441 | 9 (8–10) | 447 | 9 (8–10) | 395 | 8 (6–8) |
| Inner regional | | 113 | | 8 (6–9) | 122 | 8 (7–10) | 125 | 8 (7–10) | 111 | 7 (6–8) |
| Outer regional/remote | | 24 | | 7 (4–10) | 29 | 8 (5–12) | 32 | 9 (6–13) | 25 | 6 (4–10) |
| Socioeconomic status | 1 (most disadvantaged) | | 161 | | 11 (9–13) | 178 | 12 (10–14) | 171 | 11 (10–13) | 167 | 11 (10–13) |
| 2 | | 111 | | 8 (7–10) | 136 | 10 (8–11) | 130 | 9 (8–11) | 134 | 9 (8–11) |
| 3 | | 107 | | 8 (7–10) | 113 | 8 (7–10) | 109 | 8 (6–9) | 82 | 6 (4–7) |
| 4 | | 117 | | 9 (8–11) | 89 | 7 (6–9) | 111 | 8 (7–10) | 87 | 6 (5–8) |
| 5 (least disadvantaged) | | 64 | | 5 (4–7) | 72 | 6 (4–7) | 76 | 6 (4–7) | 59 | 4 (3–6) |
| Integrated Cancer Service | NEMICS | | 129 | | 8 (7–10) | 146 | 9 (7–10) | 159 | 9 (8–11) | 124 | 7 (6–9) |
| SMICS | | 156 | | 9 (7–10) | 143 | 8 (6–9) | 137 | 7 (6–8) | 114 | 6 (5–7) |
| WCMICS | | 121 | | 10 (8–12) | 136 | 11 (9–13) | 148 | 11 (9–13) | 142 | 10 (9–12) |
| BSWRICS | | 40 | | 8 (6–11) | 35 | 7 (5–9) | 31 | 6 (4–8) | 35 | 6 (4–9) |
| GRICS | | 31 | | 8 (5–12) | 43 | 11 (8–15) | 45 | 11 (8–16) | 33 | 7 (5–11) |
| HRICS | | 38 | | 10 (7–14) | 31 | 8 (5–11) | 32 | 8 (5–12) | 36 | 9 (6–13) |
| LMICS | | 28 | | 6 (4–9) | 34 | 8 (5–11) | 33 | 8 (5–11) | 33 | 7 (5–11) |
| GICS | | 18 | | 6 (3–9) | 24 | 8 (5–12) | 19 | 6 (4–10) | 14 | 4 (2–7) |
| **Overall** |  | | **561** | | **8 (7–9)** | **593** | **9 (7–10)** | **606** | **8 (7–9)** | **543** | **7 (6–8)** |

### Table 1.8b: Incidence of liver cancer in Victoria per 100,000 standardised to the 2001 Australian population, by LGA and by year of diagnosis, 2014–2017

| LGA | 2014  Total no. of cases diagnosed | 2014  ASR (CI) | 2015  Total no. of cases diagnosed | 2015  ASR (CI) | 2016  Total no. of cases diagnosed | 2016  ASR (CI) | 2017  Total no. of cases diagnosed | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 2 | 10 (1–67) | 0 | 0 (0) | 1 | 5 (0–60) | 1 | 5 (0–60) |
| Ararat (RC) | 2 | 10 (1–59) | 1 | 6 (0–52) | 2 | 11 (1–57) | 0 | 0 (0) |
| Ballarat (C) | 5 | 4 (1–10) | 14 | 11 (6–20) | 10 | 8 (4–16) | 2 | 1 (0–6) |
| Banyule (C) | 13 | 8 (4–15) | 12 | 8 (4–15) | 12 | 8 (4–14) | 17 | 11 (6–18) |
| Bass Coast (S) | 5 | 8 (3–29) | 6 | 13 (4–37) | 9 | 16 (7–39) | 5 | 8 (2–29) |
| Baw Baw (S) | 3 | 4 (1–17) | 9 | 13 (6–28) | 6 | 10 (4–25) | 3 | 4 (1–15) |
| Bayside (C) | 7 | 5 (2–13) | 6 | 4 (2–12) | 9 | 6 (3–13) | 9 | 6 (3–13) |
| Benalla (RC) | 0 | 0 (0) | 2 | 9 (1–56) | 1 | 4 (0–51) | 0 | 0 (0) |
| Boroondara (C) | 7 | 4 (1–8) | 13 | 6 (3–11) | 16 | 7 (4–12) | 11 | 5 (3–10) |
| Brimbank (C) | 23 | 12 (7–18) | 17 | 9 (5–14) | 28 | 13 (9–19) | 30 | 14 (9–20) |
| Buloke (S) | 1 | 9 (0–124) | 1 | 4 (0–120) | 0 | 0 (0) | 0 | 0 (0) |
| Campaspe (S) | 5 | 9 (3–27) | 6 | 11 (4–29) | 3 | 6 (1–23) | 4 | 6 (2–23) |
| Cardinia (S) | 1 | 1 (0–8) | 8 | 9 (4–19) | 9 | 10 (5–20) | 5 | 5 (2–13) |
| Casey (C) | 20 | 8 (5–13) | 17 | 6 (4–10) | 25 | 9 (6–14) | 17 | 6 (4–10) |
| Central Goldfields (S) | 1 | 7 (0–68) | 2 | 18 (2–83) | 0 | 0 (0) | 1 | 3 (0–57) |
| Colac–Otway (S) | 3 | 9 (2–37) | 2 | 5 (1–33) | 0 | 0 (0) | 0 | 0 (0) |
| Corangamite (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 1 | 4 (0–45) |
| Darebin (C) | 23 | 15 (9–23) | 22 | 14 (8–21) | 18 | 10 (6–17) | 14 | 9 (5–15) |
| East Gippsland (S) | 7 | 10 (4–27) | 8 | 10 (4–27) | 13 | 17 (9–34) | 5 | 7 (2–23) |
| Frankston (C) | 10 | 6 (3–12) | 18 | 12 (7–19) | 11 | 7 (3–13) | 7 | 4 (2–9) |
| Gannawarra (S) | 1 | 7 (0–74) | 2 | 12 (1–78) | 0 | 0 (0) | 1 | 4 (0–67) |
| Glen Eira (C) | 9 | 6 (3–12) | 13 | 8 (4–14) | 6 | 3 (1–8) | 12 | 7 (4–13) |
| Glenelg (S) | 0 | 0 (0) | 2 | 8 (1–42) | 2 | 7 (1–40) | 2 | 6 (1–38) |
| Golden Plains (S) | 2 | 8 (1–41) | 2 | 11 (1–47) | 2 | 11 (1–46) | 0 | 0 (0) |
| Greater Bendigo (C) | 12 | 9 (4–16) | 7 | 5 (2–12) | 13 | 10 (5–17) | 12 | 9 (4–16) |
| Greater Dandenong (C) | 25 | 15 (10–23) | 12 | 7 (3–12) | 17 | 10 (6–16) | 19 | 11 (7–18) |
| Greater Geelong (C) | 27 | 9 (6–14) | 24 | 8 (5–12) | 24 | 8 (5–12) | 22 | 7 (4–11) |
| Greater Shepparton (C) | 4 | 5 (1–16) | 7 | 8 (3–19) | 7 | 9 (3–20) | 9 | 11 (5–22) |
| Hepburn (S) | 1 | 3 (0–50) | 2 | 8 (1–56) | 1 | 3 (0–48) | 2 | 9 (1–58) |
| Hindmarsh (S) | 1 | 11 (0–123) | 0 | 0 (0) | 1 | 9 (0–124) | 0 | 0 (0) |
| Hobsons Bay (C) | 13 | 12 (6–22) | 15 | 14 (8–24) | 6 | 5 (2–13) | 16 | 15 (9–25) |
| Horsham (RC) | 2 | 7 (1–35) | 2 | 6 (1–34) | 0 | 0 (0) | 0 | 0 (0) |
| Hume (C) | 20 | 13 (8–21) | 16 | 9 (5–16) | 13 | 7 (4–12) | 17 | 9 (5–14) |
| Indigo (S) | 2 | 7 (1–54) | 0 | 0 (0) | 3 | 11 (2–53) | 4 | 14 (4–58) |
| Kingston (C) | 22 | 11 (7–18) | 13 | 6 (3–11) | 17 | 8 (5–14) | 13 | 6 (3–11) |
| Knox (C) | 18 | 10 (6–16) | 14 | 7 (4–13) | 18 | 9 (5–14) | 11 | 5 (3–10) |
| Latrobe (C) | 5 | 5 (2–13) | 10 | 10 (5–21) | 7 | 7 (3–17) | 11 | 10 (5–20) |
| Loddon (S) | 2 | 14 (2–123) | 0 | 0 (0) | 2 | 17 (2–123) | 2 | 13 (2–126) |
| Macedon Ranges (S) | 2 | 4 (0–20) | 7 | 12 (5–29) | 2 | 3 (0–17) | 5 | 8 (3–24) |
| Manningham (C) | 16 | 9 (5–16) | 22 | 13 (8–20) | 13 | 7 (4–13) | 13 | 7 (4–13) |
| Mansfield (S) | 1 | 10 (0–100) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Maribyrnong (C) | 10 | 14 (7–27) | 10 | 14 (7–27) | 9 | 13 (6–27) | 10 | 12 (6–24) |
| Maroondah (C) | 8 | 6 (3–13) | 11 | 8 (4–15) | 7 | 5 (2–11) | 10 | 7 (3–14) |
| Melbourne (C) | 4 | 7 (2–22) | 5 | 6 (2–20) | 8 | 11 (5–27) | 7 | 9 (4–23) |
| Melton (C) | 5 | 5 (1–13) | 9 | 12 (5–24) | 11 | 12 (6–23) | 12 | 10 (5–19) |
| Mildura (RC) | 2 | 3 (0–13) | 5 | 8 (2–20) | 4 | 7 (2–19) | 6 | 9 (3–22) |
| Mitchell (S) | 2 | 4 (1–19) | 4 | 9 (2–26) | 5 | 10 (3–26) | 3 | 7 (1–21) |
| Moira (S) | 7 | 15 (6–39) | 6 | 13 (5–37) | 4 | 9 (2–31) | 5 | 8 (3–30) |
| Monash (C) | 18 | 8 (5–13) | 14 | 7 (4–12) | 11 | 5 (2–9) | 11 | 5 (2–9) |
| Moonee Valley (C) | 14 | 10 (5–17) | 15 | 11 (6–18) | 15 | 10 (6–17) | 10 | 7 (3–13) |
| Moorabool (S) | 3 | 7 (1–26) | 2 | 5 (1–24) | 2 | 4 (1–21) | 6 | 15 (5–35) |
| Moreland (C) | 14 | 8 (4–14) | 22 | 13 (8–20) | 22 | 13 (8–20) | 13 | 8 (4–14) |
| Mornington Peninsula (S) | 18 | 7 (4–13) | 22 | 9 (5–14) | 14 | 6 (3–11) | 9 | 4 (2–8) |
| Mount Alexander (S) | 2 | 5 (1–41) | 1 | 3 (0–37) | 3 | 9 (2–43) | 1 | 2 (0–35) |
| Moyne (S) | 1 | 6 (0–45) | 2 | 8 (1–45) | 1 | 4 (0–38) | 0 | 0 (0) |
| Murrindindi (S) | 4 | 16 (4–67) | 4 | 19 (5–70) | 1 | 5 (0–54) | 2 | 10 (1–59) |
| Nillumbik (S) | 2 | 2 (0–13) | 3 | 3 (1–13) | 7 | 9 (4–22) | 4 | 7 (2–20) |
| Northern Grampians (S) | 1 | 5 (0–62) | 0 | 0 (0) | 0 | 0 (0) | 2 | 9 (1–65) |
| Port Phillip (C) | 15 | 15 (8–27) | 10 | 10 (5–22) | 10 | 10 (5–22) | 8 | 7 (3–17) |
| Pyrenees (S) | 0 | 0 (0) | 0 | 0 (0) | 1 | 12 (0–110) | 0 | 0 (0) |
| Queenscliffe (B) | 1 | 12 (0–362) | 0 | 0 (0) | 0 | 0 (0) | 1 | 11 (0–485) |
| South Gippsland (S) | 4 | 10 (3–33) | 6 | 11 (4–34) | 4 | 7 (2–29) | 1 | 2 (0–24) |
| Southern Grampians (S) | 1 | 4 (0–42) | 0 | 0 (0) | 0 | 0 (0) | 1 | 4 (0–41) |
| Stonnington (C) | 11 | 9 (4–18) | 10 | 9 (4–18) | 8 | 6 (3–13) | 4 | 3 (1–9) |
| Strathbogie (S) | 2 | 10 (1–77) | 2 | 9 (1–73) | 0 | 0 (0) | 3 | 18 (3–85) |
| Surf Coast (S) | 1 | 3 (0–23) | 2 | 4 (1–24) | 4 | 10 (3–31) | 5 | 11 (4–33) |
| Swan Hill (RC) | 0 | 0 (0) | 3 | 11 (2–39) | 6 | 20 (7–51) | 1 | 3 (0–29) |
| Towong (S) | 2 | 17 (2–137) | 0 | 0 (0) | 1 | 9 (0–121) | 1 | 10 (0–130) |
| Wangaratta (RC) | 8 | 18 (8–43) | 2 | 3 (0–23) | 3 | 10 (2–35) | 6 | 13 (5–36) |
| Warrnambool (C) | 6 | 15 (5–36) | 3 | 7 (1–26) | 0 | 0 (0) | 3 | 7 (1–24) |
| Wellington (S) | 7 | 13 (5–30) | 4 | 6 (2–20) | 6 | 11 (4–26) | 8 | 12 (5–28) |
| West Wimmera (S) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) | 0 | 0 (0) |
| Whitehorse (C) | 18 | 9 (5–14) | 12 | 5 (2–9) | 28 | 13 (9–19) | 11 | 5 (3–10) |
| Whittlesea (C) | 16 | 9 (5–16) | 24 | 13 (8–20) | 20 | 10 (6–16) | 26 | 13 (9–19) |
| Wodonga (C) | 4 | 11 (3–29) | 4 | 8 (2–23) | 6 | 13 (5–31) | 2 | 4 (1–18) |
| Wyndham (C) | 11 | 8 (4–15) | 17 | 12 (7–21) | 26 | 20 (13–30) | 20 | 12 (7–20) |
| Yarra (C) | 7 | 9 (4–22) | 10 | 13 (6–27) | 10 | 13 (6–26) | 7 | 9 (3–20) |
| Yarra Ranges (S) | 8 | 5 (2–10) | 13 | 7 (4–13) | 20 | 12 (7–18) | 7 | 4 (1–8) |
| Yarriambiack (S) | 1 | 9 (0–118) | 1 | 9 (0–113) | 0 | 0 (0) | 2 | 15 (2–122) |

# Key result: Decrease deaths due to cancer

## Measure 2.1 – Death rate due to cancer

### Table 2.1: Age–adjusted death rates (and 95% confidence intervals) for all cancers by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  Total no. of deaths | 2010  ASR (CI) | 2011  Total no. of deaths | 2011  ASR (CI) | 2012  Total no. of deaths | 2012  ASR (CI) | 2013  Total no. of deaths | | 2013  ASR (CI) | |
| Sex | Female | 4628 | 137 (133–141) | 4711 | 136 (132–140) | 4771 | 133 (129–137) | | 4832 | | 131 (128–135) |
| Male | 5927 | 218 (213–224) | 5887 | 210 (205–216) | 5924 | 205 (200–210) | | 6115 | | 204 (199–209) |
| Indigenous status | Aboriginal Victorian | 45 | 296 (210–411) | 53 | 277 (201–377) | 58 | 340 (250–458) | | 53 | | 280 (201388) |
| Remoteness | Major cities | 7325 | 165 (161–169) | 7443 | 163 (159–167) | 7455 | 159 (155–162) | | 7682 | | 159 (155–162) |
| Inner regional | 2497 | 185 (178–192) | 2415 | 175 (168–182) | 2536 | 176 (169–183) | | 2523 | | 171 (164–178) |
| Outer regional/ remote | 723 | 200 (185–216) | 726 | 197 (183–213) | 691 | 185 (171–200) | | 731 | | 189 (175–204) |
| Socioeconomic status | 1 (most disadvantaged) | 2847 | 196 (188–203) | 2889 | 194 (187–201) | 2838 | 185 (178–192) | | 2891 | | 184 (177–191) |
| 2 | 2284 | 185 (177–193) | 2251 | 177 (170–185) | 2322 | 176 (169–184) | | 2342 | | 172 (165–179) |
| 3 | 1963 | 167 (160–175) | 2000 | 165 (158–173) | 2051 | 163 (156–170) | | 2062 | | 158 (151–165) |
| 4 | 1796 | 159 (152–167) | 1849 | 159 (152–167) | 1796 | 151 (144–158) | | 1889 | | 155 (148–163) |
| 5 (least disadvantaged) | 1583 | 145 (138–153) | 1526 | 136 (129–143) | 1607 | 140 (133–147) | | 1671 | | 142 (135–149) |
| Integrated Cancer Service | NEMICS | 2434 | 160 (154–167) | 2454 | 157 (151–164) | 2476 | 155 (148–161) | | 2568 | | 156 (150–162) |
| SMICS | 2732 | 159 (153–165) | 2857 | 163 (157–169) | 2887 | 159 (153–165) | | 2926 | | 158 (152–164) |
| WCMICS | 1867 | 178 (170–186) | 1801 | 166 (159–174) | 1834 | 164 (157–172) | | 1913 | | 163 (156–171) |
| BSWRICS | 924 | 192 (180–206) | 930 | 187 (175–200) | 891 | 174 (163–186) | | 904 | | 171 (160–183) |
| GRICS | 688 | 193 (179–209) | 676 | 187 (173–202) | 683 | 179 (166–194) | | 715 | | 183 (169–197) |
| HRICS | 603 | 177 (163–192) | 578 | 163 (150–178) | 609 | 166 (153–180) | | 601 | | 160 (147–174) |
| LMICS | 773 | 187 (174–202) | 740 | 178 (165–192) | 761 | 176 (164–190) | | 762 | | 172 (160–185) |
| GICS | 524 | 187 (171–204) | 548 | 189 (174–206) | 541 | 181 (166–197) | | 547 | | 180 (165–196) |
| **Overall** |  | **10,555** | **172 (168–175)** | **10,598** | **168 (165–171)** | **10,695** | **164 (161–167)** | | **10,947** | | **163 (160–166)** |

### Table 2.1.1a: Age–adjusted death rates (and 95% confidence intervals) for all cancers by year, 2014–2017

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  Total no. of deaths | 2014  ASR (CI) | 2015  Total no. of deaths | 2015  ASR (CI) | 2016  Total no. of deaths | 2016  ASR (CI) | 2017  Total no. of deaths | 2017  ASR (CI) |
| Sex | Female | 4786 | 127 (123–131) | 4919 | 127 (124–131) | 5066 | 128 (125–132) | 4936 | 121 (118–125) |
| Male | 5903 | 190 (186–195) | 6188 | 193 (189–198) | 6176 | 188 (183–192) | 5991 | 175 (170–179) |
| Indigenous status | Aboriginal Victorian | 82 | 471 (361–609) | 73 | 353 (266–466) | 121 | 641 (518–791) | 90 | 429 (335–548) |
| Remoteness | Major cities | 7497 | 151 (147–154) | 7612 | 149 (145–152) | 7612 | 149 (144–151) | 7372 | 136 (132–139) |
| Inner regional | 2524 | 165 (159–172) | 2749 | 175 (168–181) | 2749 | 175 (163–176) | 2636 | 158 (152–164) |
| Outer regional/ remote | 660 | 165 (152–179) | 743 | 182 (168–196) | 743 | 182 (170–198) | 726 | 173 (160–187) |
| Socioeconomic status | 1 (most disadvantaged) | 2768 | 172 (165–178) | 2967 | 180 (173–187) | 2955 | 180 (173–187) | 2850 | 172 (165–178) |
| 2 | 2291 | 163 (156–170) | 2431 | 168 (161–175) | 2388 | 161 (155–168) | 2342 | 154 (148–160) |
| 3 | 2056 | 153 (147–160) | 2166 | 157 (150–164) | 2149 | 150 (144–157) | 2091 | 141 (135–147) |
| 4 | 1917 | 152 (146–159) | 1854 | 144 (137–151) | 2006 | 148 (142–155) | 1818 | 128 (122–134) |
| 5 (least disadvantaged) | 1589 | 132 (125–139) | 1622 | 132 (126–139) | 1670 | 128 (122–135) | 1587 | 115 (110–121) |
| Integrated Cancer Service | NEMICS | 2462 | 146 (141–152) | 2429 | 141 (135–146) | 2520 | 143 (137–149) | 2423 | 133 (128–139) |
| SMICS | 2845 | 148 (143–154) | 2929 | 150 (144–155) | 2953 | 147 (142–153) | 2708 | 131 (126–136) |
| WCMICS | 1934 | 160 (153–168) | 1975 | 158 (151–165) | 2013 | 155 (148–162) | 1965 | 145 (139–152) |
| BSWRICS | 871 | 164 (153–175) | 975 | 177 (166–189) | 936 | 164 (154–176) | 877 | 147 (137–158) |
| GRICS | 677 | 167 (154–181) | 777 | 188 (174–202) | 781 | 183 (170–197) | 761 | 173 (160–186) |
| HRICS | 597 | 154 (142–168) | 653 | 162 (149–175) | 608 | 150 (138–163) | 599 | 141 (130–154) |
| LMICS | 755 | 166 (154–179) | 783 | 167 (155–179) | 840 | 176 (164–189) | 815 | 166 (155–179) |
| GICS | 539 | 170 (155–185) | 583 | 179 (164–194) | 579 | 176 (162–192) | 585 | 174 (160–189) |
| **Overall** |  | **10,689** | **155 (152–158)** | **11,107** | **156 (153–159)** | **11,242** | **154 (152–157)** | **10,927** | **145 (142–148)** |

### Table 2.1.1b: Age–adjusted death rates (and 95% confidence intervals) for all cancers by LGA and by year, 2010–2013

| LGA | 2010  Total no. of deaths | 2010  ASR (CI) | 2011  Total no. of deaths | 2011  ASR (CI) | 2012  Total no. of deaths | 2012  ASR (CI) | 2013  Total no. of deaths | 2013  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 35 | 176 (123–266) | 35 | 175 (121–265) | 36 | 189 (131–282) | 29 | 132 (88–211) |
| Ararat (RC) | 45 | 269 (195–371) | 36 | 205 (143–297) | 22 | 119 (74–194) | 39 | 213 (150–305) |
| Ballarat (C) | 196 | 177 (153–205) | 218 | 190 (165–218) | 207 | 175 (152–202) | 224 | 185 (161–211) |
| Banyule (C) | 248 | 161 (141–183) | 263 | 165 (145–187) | 211 | 130 (112–149) | 277 | 166 (146–187) |
| Bass Coast (S) | 88 | 175 (139–221) | 90 | 171 (137–216) | 90 | 162 (129–205) | 106 | 182 (148–226) |
| Baw Baw (S) | 92 | 173 (139–214) | 91 | 165 (133–205) | 78 | 134 (105–169) | 92 | 150 (121–187) |
| Bayside (C) | 214 | 145 (125–169) | 211 | 137 (118–159) | 245 | 163 (143–188) | 215 | 147 (127–170) |
| Benalla (RC) | 45 | 191 (138–272) | 49 | 205 (151–287) | 47 | 183 (134–259) | 49 | 219 (158–307) |
| Boroondara (C) | 313 | 145 (129–163) | 299 | 138 (122–155) | 320 | 146 (130–164) | 293 | 130 (115–147) |
| Brimbank (C) | 287 | 168 (149–189) | 290 | 165 (146–185) | 301 | 166 (147–186) | 303 | 160 (142–179) |
| Buloke (S) | 24 | 187 (118–327) | 23 | 185 (115–329) | 20 | 166 (100–306) | 26 | 202 (129–344) |
| Campaspe (S) | 97 | 177 (143–220) | 89 | 159 (127–201) | 83 | 148 (117–188) | 85 | 152 (121–192) |
| Cardinia (S) | 99 | 162 (131–198) | 125 | 193 (160–231) | 116 | 164 (135–198) | 135 | 182 (152–217) |
| Casey (C) | 298 | 157 (140–177) | 323 | 161 (144–181) | 354 | 168 (150–187) | 304 | 138 (123–155) |
| Central Goldfields (S) | 47 | 207 (151–296) | 61 | 276 (206–378) | 63 | 261 (200–354) | 48 | 215 (152–311) |
| Colac–Otway (S) | 69 | 231 (179–299) | 64 | 217 (165–284) | 59 | 185 (140–245) | 74 | 238 (184–306) |
| Corangamite (S) | 48 | 198 (145–272) | 42 | 169 (122–240) | 53 | 212 (158–288) | 42 | 181 (128–258) |
| Darebin (C) | 279 | 169 (149–191) | 293 | 173 (153–195) | 319 | 186 (165–208) | 288 | 165 (146–187) |
| East Gippsland (S) | 135 | 192 (161–232) | 154 | 215 (181–257) | 147 | 201 (169–242) | 153 | 199 (168–238) |
| Frankston (C) | 241 | 171 (150–195) | 273 | 190 (168–214) | 261 | 176 (155–200) | 275 | 181 (160–204) |
| Gannawarra (S) | 45 | 232 (168–329) | 41 | 221 (155–324) | 25 | 125 (80–210) | 33 | 155 (106–241) |
| Glen Eira (C) | 281 | 157 (138–178) | 289 | 160 (141–181) | 299 | 163 (144–184) | 248 | 141 (123–161) |
| Glenelg (S) | 53 | 201 (149–269) | 54 | 197 (148–264) | 44 | 151 (110–210) | 65 | 220 (169–287) |
| Golden Plains (S) | 29 | 201 (132–297) | 29 | 183 (120–271) | 34 | 194 (131–279) | 38 | 230 (160–323) |
| Greater Bendigo (C) | 244 | 195 (171–222) | 213 | 168 (146–193) | 244 | 184 (161–209) | 228 | 165 (144–189) |
| Greater Dandenong (C) | 251 | 165 (145–187) | 266 | 170 (150–192) | 263 | 162 (143–183) | 260 | 158 (139–179) |
| Greater Geelong (C) | 539 | 195 (179–213) | 561 | 196 (179–213) | 511 | 172 (157–188) | 506 | 164 (150–180) |
| Greater Shepparton (C) | 124 | 172 (143–206) | 117 | 152 (126–184) | 130 | 171 (143–204) | 110 | 143 (117–174) |
| Hepburn (S) | 33 | 154 (105–230) | 39 | 182 (129–263) | 52 | 227 (169–311) | 31 | 135 (91–208) |
| Hindmarsh (S) | 23 | 215 (134–362) | 31 | 267 (178–425) | 21 | 188 (115–336) | 20 | 174 (102–319) |
| Hobsons Bay (C) | 187 | 197 (169–227) | 184 | 191 (164–221) | 165 | 164 (140–192) | 175 | 172 (147–200) |
| Horsham (RC) | 53 | 198 (148–265) | 42 | 157 (112–218) | 43 | 154 (111–213) | 39 | 138 (98–196) |
| Hume (C) | 234 | 188 (164–215) | 235 | 185 (161–211) | 229 | 170 (148–195) | 245 | 174 (152–198) |
| Indigo (S) | 29 | 151 (100–232) | 30 | 150 (101–231) | 27 | 136 (87–214) | 29 | 138 (91–214) |
| Kingston (C) | 294 | 155 (137–174) | 318 | 167 (149–187) | 296 | 152 (135–171) | 344 | 172 (154–192) |
| Knox (C) | 257 | 162 (142–183) | 257 | 158 (139–179) | 260 | 157 (138–178) | 311 | 176 (157–198) |
| Latrobe (C) | 174 | 197 (169–230) | 163 | 184 (156–215) | 176 | 190 (162–221) | 166 | 176 (150–206) |
| Loddon (S) | 25 | 178 (115–305) | 25 | 190 (119–331) | 27 | 190 (124–325) | 24 | 169 (107–301) |
| Macedon Ranges (S) | 63 | 139 (106–182) | 75 | 182 (142–231) | 85 | 186 (147–233) | 83 | 172 (136–216) |
| Manningham (C) | 233 | 147 (128–168) | 246 | 146 (128–167) | 245 | 140 (123–160) | 228 | 129 (113–148) |
| Mansfield (S) | 12 | 105 (54–215) | 11 | 86 (42–189) | 23 | 207 (130–337) | 19 | 173 (102–301) |
| Maribyrnong (C) | 123 | 194 (161–233) | 123 | 188 (156–226) | 122 | 183 (151–220) | 112 | 156 (128–189) |
| Maroondah (C) | 218 | 174 (152–200) | 214 | 165 (143–189) | 222 | 171 (149–196) | 220 | 168 (146–192) |
| Melbourne (C) | 105 | 202 (164–248) | 65 | 119 (92–156) | 69 | 116 (89–151) | 97 | 156 (126–194) |
| Melton (C) | 106 | 170 (137–209) | 105 | 154 (124–189) | 109 | 166 (134–202) | 121 | 159 (131–193) |
| Mildura (RC) | 120 | 187 (155–225) | 120 | 185 (153–223) | 99 | 145 (118–178) | 146 | 208 (175–246) |
| Mitchell (S) | 69 | 243 (188–310) | 64 | 201 (154–259) | 54 | 155 (116–203) | 66 | 178 (137–229) |
| Moira (S) | 76 | 168 (132–217) | 83 | 182 (144–231) | 87 | 183 (145–232) | 106 | 215 (175–267) |
| Monash (C) | 338 | 147 (132–165) | 328 | 139 (124–156) | 354 | 146 (131–163) | 353 | 140 (126–156) |
| Moonee Valley (C) | 219 | 159 (138–182) | 231 | 166 (145–190) | 227 | 158 (137–180) | 250 | 173 (152–197) |
| Moorabool (S) | 47 | 165 (121–222) | 50 | 169 (125–226) | 63 | 205 (157–266) | 65 | 203 (156–262) |
| Moreland (C) | 341 | 182 (163–204) | 287 | 158 (140–179) | 328 | 175 (155–196) | 312 | 165 (146–185) |
| Mornington Peninsula (S) | 391 | 169 (152–188) | 426 | 179 (161–198) | 390 | 158 (142–176) | 420 | 163 (148–181) |
| Mount Alexander (S) | 56 | 193 (145–264) | 50 | 177 (130–247) | 62 | 211 (161–283) | 47 | 155 (113–218) |
| Moyne (S) | 36 | 173 (121–249) | 27 | 135 (88–205) | 23 | 114 (72–180) | 46 | 213 (155–294) |
| Murrindindi (S) | 34 | 206 (142–300) | 31 | 171 (115–256) | 43 | 213 (153–302) | 35 | 172 (119–253) |
| Nillumbik (S) | 73 | 158 (122–203) | 56 | 103 (76–137) | 88 | 160 (127–202) | 81 | 142 (111–180) |
| Northern Grampians (S) | 42 | 235 (167–333) | 35 | 188 (130–277) | 40 | 206 (146–297) | 36 | 191 (133–283) |
| Port Phillip (C) | 140 | 168 (141–201) | 134 | 167 (140–201) | 154 | 179 (151–212) | 160 | 177 (150–209) |
| Pyrenees (S) | 19 | 165 (98–301) | 28 | 241 (159–393) | 19 | 176 (105–312) | 16 | 145 (82–277) |
| Queenscliffe (B) | 11 | 161 (76–444) | 11 | 130 (64–450) | 7 | 85 (32–378) | 9 | 132 (51–448) |
| South Gippsland (S) | 78 | 200 (157–256) | 72 | 180 (140–232) | 68 | 166 (129–216) | 79 | 178 (140–228) |
| Southern Grampians (S) | 39 | 145 (102–208) | 49 | 180 (132–248) | 62 | 251 (189–334) | 42 | 147 (105–210) |
| Stonnington (C) | 185 | 159 (137–185) | 164 | 142 (121–168) | 155 | 127 (108–151) | 212 | 172 (149–199) |
| Strathbogie (S) | 39 | 225 (156–338) | 29 | 163 (104–267) | 44 | 228 (164–332) | 29 | 156 (103–250) |
| Surf Coast (S) | 38 | 138 (97–193) | 47 | 158 (116–214) | 49 | 150 (110–203) | 47 | 137 (100–186) |
| Swan Hill (RC) | 52 | 192 (143–255) | 43 | 155 (112–213) | 53 | 195 (145–260) | 42 | 148 (106–206) |
| Towong (S) | 17 | 165 (96–322) | 15 | 152 (84–311) | 14 | 130 (70–278) | 16 | 148 (84–294) |
| Wangaratta (RC) | 72 | 183 (142–235) | 66 | 164 (126–214) | 65 | 143 (110–188) | 65 | 153 (117–200) |
| Warrnambool (C) | 91 | 229 (184–284) | 75 | 182 (143–232) | 83 | 188 (149–236) | 73 | 166 (130–212) |
| Wellington (S) | 121 | 222 (184–268) | 106 | 198 (162–242) | 124 | 209 (174–252) | 119 | 204 (168–247) |
| West Wimmera (S) | 14 | 194 (106–388) | 17 | 227 (131–432) | 12 | 188 (89–403) | 15 | 211 (118–406) |
| Whitehorse (C) | 355 | 165 (148–184) | 325 | 151 (135–170) | 345 | 155 (139–173) | 335 | 149 (133–166) |
| Whittlesea (C) | 213 | 164 (143–189) | 254 | 185 (162–209) | 207 | 140 (121–161) | 268 | 173 (153–195) |
| Wodonga (C) | 51 | 148 (110–196) | 48 | 134 (99–179) | 39 | 106 (75–147) | 48 | 117 (86–156) |
| Wyndham (C) | 152 | 159 (134–188) | 168 | 163 (138–191) | 184 | 172 (147–201) | 208 | 179 (155–207) |
| Yarra (C) | 113 | 177 (146–216) | 113 | 176 (145–214) | 100 | 152 (124–187) | 90 | 132 (106–165) |
| Yarra Ranges (S) | 245 | 170 (149–194) | 247 | 165 (145–188) | 259 | 164 (145–186) | 267 | 172 (152–194) |
| Yarriambiack (S) | 23 | 155 (97–277) | 23 | 177 (110–315) | 28 | 220 (142–370) | 24 | 165 (104–303) |

### Table 2.1.1c: Age–adjusted death rates (and 95% confidence intervals) for all cancers by LGA and by year, 2014–2017

| LGA | 2014  Total no. of deaths | 2014  ASR (CI) | 2015  Total no. of deaths | 2015  ASR (CI) | 2016  Total no. of deaths | 2016  ASR (CI) | 2017  Total no. of deaths | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 35 | 162 (112–245) | 38 | 183 (127–272) | 39 | 177 (125–260) | 41 | 186 (132–272) |
| Ararat (RC) | 23 | 119 (75–193) | 29 | 146 (97–223) | 30 | 145 (97–219) | 24 | 114 (73–183) |
| Ballarat (C) | 223 | 181 (157–207) | 218 | 169 (147–194) | 230 | 178 (155–203) | 223 | 163 (142–187) |
| Banyule (C) | 244 | 148 (129–168) | 225 | 134 (117–154) | 216 | 127 (110–146) | 244 | 141 (124–161) |
| Bass Coast (S) | 96 | 172 (138–217) | 115 | 199 (162–246) | 89 | 147 (116–188) | 97 | 145 (116–184) |
| Baw Baw (S) | 82 | 128 (101–161) | 108 | 157 (129–192) | 108 | 155 (126–189) | 111 | 156 (127–190) |
| Bayside (C) | 209 | 132 (113–153) | 198 | 128 (109–149) | 194 | 122 (104–142) | 182 | 109 (93–128) |
| Benalla (RC) | 40 | 156 (111–228) | 41 | 159 (111–234) | 37 | 137 (95–206) | 56 | 216 (161–297) |
| Boroondara (C) | 304 | 136 (121–153) | 281 | 122 (107–138) | 295 | 128 (114–145) | 231 | 99 (86–113) |
| Brimbank (C) | 328 | 168 (150–188) | 296 | 148 (132–166) | 344 | 165 (148–184) | 319 | 148 (132–165) |
| Buloke (S) | 25 | 182 (116–318) | 29 | 233 (144–394) | 24 | 173 (109–316) | 19 | 128 (75–265) |
| Campaspe (S) | 113 | 197 (161–242) | 95 | 156 (125–195) | 95 | 155 (124–194) | 99 | 156 (126–195) |
| Cardinia (S) | 116 | 149 (123–180) | 145 | 178 (150–210) | 146 | 171 (144–202) | 132 | 143 (119–170) |
| Casey (C) | 351 | 151 (135–168) | 367 | 149 (134–165) | 370 | 144 (130–160) | 359 | 134 (120–149) |
| Central Goldfields (S) | 40 | 160 (113–239) | 60 | 239 (180–329) | 54 | 210 (155–296) | 56 | 230 (171–320) |
| Colac–Otway (S) | 41 | 135 (95–191) | 50 | 150 (110–205) | 59 | 171 (129–227) | 43 | 122 (88–171) |
| Corangamite (S) | 35 | 139 (95–207) | 58 | 225 (170–303) | 42 | 150 (108–215) | 57 | 215 (160–293) |
| Darebin (C) | 303 | 175 (156–197) | 295 | 164 (145–185) | 282 | 154 (136–174) | 278 | 150 (132–170) |
| East Gippsland (S) | 139 | 165 (138–199) | 151 | 186 (156–224) | 162 | 194 (164–232) | 151 | 168 (141–202) |
| Frankston (C) | 242 | 154 (135–175) | 280 | 173 (153–195) | 277 | 170 (151–192) | 244 | 146 (128–166) |
| Gannawarra (S) | 29 | 158 (103–253) | 31 | 164 (105–262) | 38 | 174 (122–262) | 29 | 154 (98–248) |
| Glen Eira (C) | 292 | 158 (139–178) | 250 | 138 (121–157) | 269 | 146 (129–166) | 234 | 121 (105–138) |
| Glenelg (S) | 47 | 156 (114–215) | 52 | 170 (125–232) | 57 | 173 (130–234) | 42 | 127 (91–181) |
| Golden Plains (S) | 39 | 212 (148–298) | 38 | 187 (130–265) | 44 | 222 (158–306) | 42 | 204 (144–282) |
| Greater Bendigo (C) | 230 | 165 (144–189) | 236 | 165 (145–189) | 275 | 190 (168–215) | 260 | 169 (149–192) |
| Greater Dandenong (C) | 261 | 155 (137–175) | 255 | 147 (130–167) | 269 | 151 (134–171) | 230 | 127 (111–146) |
| Greater Geelong (C) | 520 | 169 (155–185) | 535 | 168 (154–183) | 551 | 167 (153–183) | 532 | 154 (141–168) |
| Greater Shepparton (C) | 130 | 162 (135–194) | 140 | 170 (142–202) | 123 | 148 (123–179) | 120 | 134 (111–162) |
| Hepburn (S) | 44 | 167 (121–240) | 60 | 235 (175–321) | 40 | 140 (99–207) | 46 | 169 (122–243) |
| Hindmarsh (S) | 25 | 196 (124–336) | 20 | 166 (99–309) | 24 | 181 (113–322) | 30 | 266 (172–430) |
| Hobsons Bay (C) | 184 | 177 (152–205) | 178 | 167 (143–195) | 170 | 153 (130–179) | 182 | 160 (137–186) |
| Horsham (RC) | 37 | 122 (85–175) | 51 | 167 (123–226) | 54 | 188 (140–253) | 47 | 148 (108–204) |
| Hume (C) | 250 | 168 (147–191) | 264 | 167 (147–189) | 241 | 146 (128–167) | 267 | 152 (134–172) |
| Indigo (S) | 27 | 125 (82–196) | 29 | 127 (85–196) | 20 | 94 (56–159) | 25 | 99 (63–161) |
| Kingston (C) | 309 | 152 (135–171) | 333 | 158 (141–177) | 317 | 148 (132–166) | 293 | 134 (119–152) |
| Knox (C) | 273 | 152 (134–172) | 254 | 135 (119–154) | 306 | 160 (142–179) | 303 | 156 (139–175) |
| Latrobe (C) | 171 | 175 (149–204) | 189 | 199 (171–231) | 206 | 205 (178–237) | 189 | 185 (159–215) |
| Loddon (S) | 24 | 164 (105–291) | 26 | 175 (113–302) | 27 | 187 (122–315) | 23 | 162 (101–295) |
| Macedon Ranges (S) | 80 | 156 (123–197) | 72 | 130 (101–168) | 98 | 169 (136–209) | 93 | 156 (125–194) |
| Manningham (C) | 221 | 121 (105–139) | 267 | 141 (124–160) | 231 | 119 (104–137) | 247 | 122 (107–140) |
| Mansfield (S) | 11 | 84 (42–185) | 31 | 231 (156–357) | 24 | 184 (111–311) | 20 | 146 (87–256) |
| Maribyrnong (C) | 128 | 182 (151–218) | 106 | 148 (121–181) | 109 | 147 (120–179) | 106 | 142 (116–174) |
| Maroondah (C) | 182 | 134 (115–155) | 213 | 156 (135–179) | 195 | 142 (122–164) | 194 | 130 (112–150) |
| Melbourne (C) | 84 | 126 (99–160) | 110 | 149 (122–184) | 91 | 117 (94–148) | 101 | 119 (96–148) |
| Melton (C) | 119 | 146 (120–177) | 159 | 192 (161–226) | 145 | 155 (129–184) | 145 | 138 (115–164) |
| Mildura (RC) | 121 | 164 (136–198) | 114 | 150 (123–182) | 122 | 160 (133–194) | 133 | 177 (147–212) |
| Mitchell (S) | 55 | 141 (106–185) | 71 | 170 (132–216) | 66 | 156 (120–200) | 69 | 155 (120–197) |
| Moira (S) | 81 | 161 (126–207) | 100 | 192 (155–241) | 106 | 200 (163–248) | 81 | 152 (120–195) |
| Monash (C) | 336 | 133 (119–148) | 361 | 141 (127–158) | 335 | 131 (117–147) | 319 | 123 (109–138) |
| Moonee Valley (C) | 228 | 154 (134–176) | 215 | 140 (122–161) | 223 | 147 (128–168) | 219 | 134 (116–153) |
| Moorabool (S) | 59 | 173 (131–227) | 69 | 195 (151–250) | 57 | 159 (119–208) | 72 | 195 (152–248) |
| Moreland (C) | 318 | 166 (147–186) | 321 | 166 (147–186) | 302 | 153 (136–173) | 288 | 143 (126–162) |
| Mornington Peninsula (S) | 413 | 155 (140–172) | 428 | 156 (141–173) | 440 | 157 (142–174) | 419 | 148 (133–164) |
| Mount Alexander (S) | 41 | 125 (89–182) | 59 | 186 (140–252) | 51 | 155 (114–214) | 54 | 156 (117–213) |
| Moyne (S) | 43 | 192 (138–268) | 50 | 220 (162–300) | 31 | 136 (92–201) | 33 | 150 (102–220) |
| Murrindindi (S) | 31 | 156 (104–239) | 40 | 193 (137–277) | 42 | 191 (136–274) | 40 | 184 (130–265) |
| Nillumbik (S) | 81 | 143 (112–181) | 77 | 135 (106–172) | 85 | 133 (105–167) | 72 | 112 (87–144) |
| Northern Grampians (S) | 36 | 167 (116–252) | 36 | 192 (132–284) | 34 | 172 (116–261) | 42 | 224 (158–323) |
| Port Phillip (C) | 151 | 168 (142–199) | 155 | 163 (138–193) | 144 | 144 (121–172) | 133 | 130 (108–156) |
| Pyrenees (S) | 26 | 207 (134–337) | 18 | 149 (87–271) | 26 | 212 (136–346) | 14 | 112 (60–234) |
| Queenscliffe (B) | 13 | 168 (81–516) | 11 | 177 (69–591) | 11 | 130 (64–541) | 6 | 59 (21–521) |
| South Gippsland (S) | 72 | 159 (124–207) | 84 | 183 (144–233) | 86 | 175 (140–222) | 80 | 162 (127–209) |
| Southern Grampians (S) | 48 | 171 (123–240) | 73 | 270 (210–351) | 46 | 169 (121–239) | 43 | 150 (107–213) |
| Stonnington (C) | 165 | 130 (111–153) | 157 | 121 (103–143) | 192 | 148 (127–172) | 163 | 122 (104–144) |
| Strathbogie (S) | 42 | 214 (153–313) | 39 | 176 (125–264) | 33 | 169 (114–261) | 37 | 169 (117–258) |
| Surf Coast (S) | 45 | 128 (93–176) | 70 | 195 (152–251) | 55 | 149 (112–198) | 45 | 106 (77–146) |
| Swan Hill (RC) | 52 | 185 (137–248) | 61 | 213 (162–279) | 56 | 185 (139–246) | 49 | 158 (116–214) |
| Towong (S) | 12 | 107 (54–241) | 12 | 96 (49–222) | 6 | 51 (18–169) | 15 | 125 (68–261) |
| Wangaratta (RC) | 75 | 172 (134–221) | 76 | 162 (126–208) | 74 | 162 (125–210) | 68 | 144 (111–189) |
| Warrnambool (C) | 79 | 177 (139–223) | 76 | 162 (127–206) | 84 | 175 (138–220) | 76 | 141 (110–181) |
| Wellington (S) | 117 | 199 (164–241) | 130 | 206 (172–247) | 130 | 209 (174–251) | 133 | 210 (175–252) |
| West Wimmera (S) | 7 | 105 (40–287) | 18 | 257 (151–478) | 15 | 255 (136–490) | 16 | 225 (128–428) |
| Whitehorse (C) | 345 | 149 (133–167) | 299 | 129 (115–146) | 347 | 147 (132–165) | 293 | 120 (107–136) |
| Whittlesea (C) | 245 | 147 (129–167) | 265 | 152 (134–172) | 251 | 137 (120–155) | 293 | 150 (133–168) |
| Wodonga (C) | 58 | 143 (108–186) | 36 | 83 (58–117) | 38 | 83 (58–116) | 27 | 60 (39–88) |
| Wyndham (C) | 182 | 149 (127–173) | 220 | 170 (148–196) | 249 | 184 (160–209) | 241 | 167 (146–190) |
| Yarra (C) | 113 | 157 (129–191) | 106 | 145 (118–177) | 139 | 182 (153–217) | 97 | 121 (98–149) |
| Yarra Ranges (S) | 264 | 159 (140–180) | 253 | 146 (128–165) | 312 | 181 (161–203) | 268 | 150 (132–169) |
| Yarriambiack (S) | 20 | 163 (93–304) | 26 | 169 (107–296) | 25 | 160 (101–284) | 29 | 211 (139–347) |

## Measure 2.2 – Premature death rate due to cancer

### Table 2.2: Age–adjusted premature death rates (and 95% confidence intervals) for all cancers by sex, Indigenous status, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  Total no. of premature deaths | 2010  ASR (CI) | | 2011  Total no. of premature deaths | 2011  ASR (CI) | 2012  Total no. of premature deaths | 2012  ASR (CI) | 2013  Total no. of premature deaths | | 2013  ASR (CI) | |
| Sex | Female | 2174 | 77 (74–80) | | 2240 | 77 (74–81) | 2219 | 74 (71–77) | | 2245 | | 73 (70–76) |
| Male | 2845 | 105 (101–109) | | 2838 | 101 (98–105) | 2766 | 96 (92–99) | | 2900 | | 97 (94–101) |
| Indigenous status | Aboriginal Victorian | 31 | 167 (111–246) | | 42 | 186 (132–259) | 38 | 161 ( 112–227) | | 38 | | 146 (102–206) |
| Remoteness | Major cities | 3472 | 87 (84–90) | | 3532 | 86 (83–89) | 3467 | 82 (79–85) | | 3618 | | 83 (80–86) |
| Inner regional | 1204 | 98 (92–104) | | 1204 | 95 (90–101) | 1167 | 88 (83–94) | | 1178 | | 87 (82–93) |
| Outer regional/ remote | 338 | 106 (94–118) | | 340 | 105 (93–117) | 345 | 104 (93–116) | | 345 | | 101 (90–113) |
| Socioeconomic status | 1 (most disadvantaged) | 1350 | 113 (107–119) | | 1345 | 111 (105–117) | 1286 | 103 (97–109) | | 1320 | | 105 (99–111) |
| 2 | 1068 | 98 (93–105) | | 1078 | 96 (90–102) | 1073 | 93 (88–99) | | 1086 | | 91 (86–97) |
| 3 | 946 | 88 (82–93) | | 942 | 85 (79–90) | 959 | 83 (78–88) | | 965 | | 80 (75–85) |
| 4 | 874 | 82 977–88) | | 920 | 83 (78–89) | 851 | 75 (70–80) | | 902 | | 76 (71–82) |
| 5 (least disadvantaged) | 749 | 69 (64–74) | | 769 | 68 (63–73) | 792 | 67 (62–72) | | 839 | | 68 (64–73) |
| Integrated Cancer Service | NEMICS | 1129 | 83 (78–88) | | 1138 | 81 (77–86) | 1146 | 79 (75–84) | | 1168 | | 79 (75–84) |
| SMICS | 1251 | 84 (79–88) | | 1312 | 86 (81–90) | 1316 | 83 (78–87) | | 1348 | | 83 (78–87) |
| WCMICS | 961 | 94 (89–101) | | 936 | 89 (84–95) | 919 | 85 (80–91) | | 1007 | | 89 (84–95) |
| BSWRICS | 437 | 106 (96–117) | | 433 | 101 (92–112) | 394 | 91 (82–101) | | 378 | | 84 (75–93) |
| GRICS | 317 | 97 (87–109) | | 330 | 100 (89–112) | 313 | 88 (78–99) | | 350 | | 97 (87–109) |
| HRICS | 299 | 96 (85–108) | | 285 | 88 (78–99) | 282 | 85 (75–96) | | 287 | | 83 (74–94) |
| LMICS | 376 | 102 (92–113) | | 357 | 96 (86–107) | 342 | 88 (79–99) | | 343 | | 88 (79–98) |
| GICS | 244 | 97 (85–111) | | 285 | 107 (95–121) | 267 | 98 (86–111) | | 260 | | 95 (83–107) |
| **Overall** |  | **5,019** | | **91 (88–93)** | **5,078** | **89 (87–92)** | **4,985** | **84 (82–87)** | | **5,145** | | **85 (82–87)** |

### Table 2.2.1a: Age–adjusted premature death rates (and 95% confidence intervals) for all cancers by sex, Indigenous status, remoteness, ICS and by year, 2014–2017

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | | 2014  Total no. of premature deaths | 2014  ASR (CI) | 2015  Total no. of premature deaths | 2015  ASR (CI) | 2016  Total no. of premature deaths | 2016  ASR (CI) | 2017  Total no. of premature deaths | 2017  ASR (CI) |
| Sex | Female | 2270 | | 72 (69–75) | 2282 | 70 (67–73) | 2427 | 72 (69–75) | 2402 | 69 (66–72) |
| Male | 2789 | | 91 (87–94) | 2885 | 91 (88–95) | 2858 | 88 (85–91) | 2819 | 84 (81–87) |
| Indigenous status | Aboriginal Victorian | 59 | | 244 (184–320) | 56 | 206 (153–273) | 82 | 303 (238–383) | 66 | 235 (180–304) |
| Remoteness | Major cities | 3538 | | 79 (76–81) | 3542 | 77 (77–79) | 3650 | 77 (74–79) | 3537 | 72 (69–74) |
| Inner regional | 1224 | | 88 (83–93) | 1274 | 88 (83–93) | 1309 | 89 (83–93) | 1271 | 82 (78–87) |
| Outer regional/ remote | 296 | | 83 (74–94) | 350 | 97 (74–94) | 322 | 90 (87–109) | 370 | 99 (89–111) |
| Socioeconomic status | 1 (most disadvantaged) | 1246 | | 96 (91–102) | 1325 | 102 (96–107) | 1292 | 98 (93–104) | 1320 | 98 (92–103) |
| 2 | 1058 | | 86 (80–91) | 1125 | 89 (84–95) | 1119 | 85 (80–91) | 1093 | 81 (76–86) |
| 3 | 1024 | | 83 (78–88) | 1026 | 80 (76–86) | 1023 | 77 (73–82) | 1024 | 75 (70–80) |
| 4 | 924 | | 76 (71–81) | 896 | 71 (66–76) | 980 | 75 (71–80) | 905 | 67 (63–71) |
| 5 (least disadvantaged) | 785 | | 62 (58–67) | 777 | 60 (56–64) | 846 | 63 (59–67) | 818 | 58 (54–62) |
| Integrated Cancer Service | NEMICS | 1158 | | 77 (72–81) | 1106 | 73 (68–77) | 1149 | 74 (70–78) | 1106 | 69 (65–73) |
| SMICS | 1281 | | 76 (72–81) | 1320 | 77 (72–81) | 1388 | 78 (74–82) | 1278 | 70 (66–74) |
| WCMICS | 976 | | 83 (78–88) | 1007 | 82 (77–88) | 1035 | 81 (76–86) | 1032 | 78 (73–83) |
| BSWRICS | 417 | | 91 (82–100) | 451 | 94 (85–103) | 403 | 80 (73–89) | 412 | 79 (71–87) |
| GRICS | 321 | | 86 (77–97) | 361 | 95 (85–106) | 366 | 94 (84–105) | 400 | 99 (89–110) |
| HRICS | 280 | | 80 (71–90) | 300 | 81 (72–91) | 268 | 72 (64–82) | 283 | 73 (64–83) |
| LMICS | 370 | | 91 (81–101) | 347 | 83 (74–93) | 398 | 94 (85–104) | 389 | 88 (80–93) |
| GICS | 254 | | 87 (77–99) | 274 | 91 (80–103) | 274 | 91 (80–103) | 277 | 88 ( 78–100) |
| **Overall** |  | **5,059** | | **81 (79–83)** | **5,167** | **80 (78–83)** | **5,285** | **80 (78–82)** | **5,221** | **76 (74–78)** |

### Table 2.2.1b: Age–adjusted premature death rates (and 95% confidence intervals) for all cancers by LGA and by year, 2010–2013

| LGA | 2010  Total no. of deaths | 2010  ASR (CI) | 2011  Total no. of deaths | 2011  ASR (CI) | 2012  Total no. of deaths | 2012  ASR (CI) | 2013  Total no. of deaths | 2013  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 17 | 91 (53–172) | 14 | 80 (42–160) | 17 | 100 (56–184) | 13 | 62 (33–132) |
| Ararat (RC) | 22 | 154 (95–245) | 20 | 124 (75–207) | 9 | 53 (24–118) | 20 | 121 (73–202) |
| Ballarat (C) | 81 | 85 (68–107) | 106 | 103 (84–126) | 98 | 96 (78–117) | 94 | 92 (74–113) |
| Banyule (C) | 108 | 84 (69–102) | 106 | 78 (64–95) | 106 | 75 (61–91) | 111 | 78 (64–95) |
| Bass Coast (S) | 41 | 97 (69–138) | 40 | 84 (59–120) | 35 | 73 (49–108) | 45 | 85 (61–121) |
| Baw Baw (S) | 48 | 94 (69–128) | 45 | 87 (64–120) | 38 | 66 (47–93) | 50 | 86 (64–116) |
| Bayside (C) | 73 | 70 (54–89) | 72 | 65 (51–83) | 97 | 85 (69–105) | 85 | 76 (60–95) |
| Benalla (RC) | 23 | 117 (73–193) | 26 | 131 (85–209) | 17 | 78 (46–144) | 27 | 147 (93–231) |
| Boroondara (C) | 124 | 74 (62–89) | 97 | 58 (47–71) | 126 | 72 (60–86) | 114 | 64 (53–77) |
| Brimbank (C) | 160 | 89 (75–104) | 157 | 85 (72–100) | 172 | 92 (79–107) | 165 | 84 (72–98) |
| Buloke (S) | 10 | 99 (47–235) | 13 | 131 (69–277) | 10 | 103 (49–243) | 13 | 127 (67–269) |
| Campaspe (S) | 46 | 94 (69–130) | 38 | 78 (55–113) | 42 | 86 (61–120) | 36 | 74 (51–106) |
| Cardinia (S) | 55 | 87 (65–114) | 64 | 92 (71–119) | 64 | 84 (64–107) | 77 | 97 (77–122) |
| Casey (C) | 161 | 78 (66–91) | 182 | 85 (73–98) | 196 | 85 (74–98) | 176 | 75 (64–87) |
| Central Goldfields (S) | 24 | 119 (76–201) | 31 | 165 (107–261) | 27 | 122 (80–201) | 24 | 130 (77–223) |
| Colac–Otway (S) | 32 | 129 (88–188) | 35 | 139 (96–201) | 23 | 87 (54–138) | 26 | 106 (68–163) |
| Corangamite (S) | 24 | 110 (70–175) | 15 | 68 (38–125) | 23 | 108 (68–174) | 22 | 117 (71–190) |
| Darebin (C) | 126 | 98 (81–117) | 120 | 92 (77–111) | 124 | 94 (78–113) | 117 | 88 (73–106) |
| East Gippsland (S) | 62 | 96 (72–128) | 69 | 106 (81–141) | 75 | 114 (88–150) | 75 | 106 (83–139) |
| Frankston (C) | 122 | 94 (78–112) | 128 | 95 (79–114) | 125 | 90 (75–107) | 148 | 103 (87–121) |
| Gannawarra (S) | 22 | 135 (84–226) | 15 | 100 (53–193) | 12 | 73 (37–155) | 12 | 64 (33–141) |
| Glen Eira (C) | 101 | 79 (64–96) | 115 | 88 (73–106) | 110 | 84 (69–102) | 104 | 77 (63–94) |
| Glenelg (S) | 23 | 98 (61–155) | 23 | 90 (57–143) | 24 | 86 (55–136) | 28 | 101 (67–155) |
| Golden Plains (S) | 18 | 105 (61–174) | 19 | 102 (60–168) | 22 | 100 (62–159) | 19 | 87 (52–144) |
| Greater Bendigo (C) | 120 | 107 (89–129) | 100 | 90 (73–110) | 104 | 89 (73–109) | 96 | 80 (65–99) |
| Greater Dandenong (C) | 123 | 90 (75–108) | 126 | 90 (75–107) | 138 | 94 (79–111) | 131 | 89 (75–106) |
| Greater Geelong (C) | 254 | 109 (96–123) | 268 | 110 (97–124) | 218 | 88 (77–101) | 204 | 79 (68–90) |
| Greater Shepparton (C) | 64 | 99 (76–128) | 50 | 74 (55–99) | 68 | 102 (79–130) | 55 | 79 (60–105) |
| Hepburn (S) | 19 | 92 (55–159) | 22 | 107 (66–179) | 25 | 112 (72–182) | 13 | 60 (31–122) |
| Hindmarsh (S) | 9 | 113 (51–253) | 13 | 146 (78–298) | 10 | 110 (52–254) | 10 | 120 (56–268) |
| Hobsons Bay (C) | 98 | 115 (93–141) | 85 | 101 (80–125) | 79 | 92 (73–115) | 97 | 109 (88–134) |
| Horsham (RC) | 26 | 117 (76–177) | 21 | 94 (58–149) | 18 | 75 (44–124) | 20 | 84 (51–136) |
| Hume (C) | 144 | 101 (85–120) | 145 | 100 (84–118) | 139 | 91 (77–108) | 147 | 92 (78–109) |
| Indigo (S) | 14 | 73 (40–143) | 16 | 80 (45–150) | 11 | 59 (27–127) | 15 | 73 (39–140) |
| Kingston (C) | 134 | 85 (71–101) | 155 | 98 (83–115) | 142 | 87 (73–102) | 149 | 90 (76–106) |
| Knox (C) | 136 | 86 (72–102) | 128 | 79 (66–95) | 137 | 84 (71–100) | 156 | 89 (75–104) |
| Latrobe (C) | 69 | 84 (65–107) | 84 | 102 (81–127) | 77 | 90 (71–114) | 78 | 92 (72–116) |
| Loddon (S) | 13 | 105 (56–228) | 13 | 119 (59–260) | 12 | 99 (50–231) | 9 | 75 (33–201) |
| Macedon Ranges (S) | 34 | 68 (47–99) | 36 | 82 (57–117) | 41 | 81 (57–114) | 38 | 68 (48–98) |
| Manningham (C) | 109 | 77 (63–94) | 116 | 76 (63–93) | 100 | 65 (53–80) | 101 | 67 (54–83) |
| Mansfield (S) | 3 | 22 (4–116) | 5 | 33 (11–127) | 11 | 104 (52–220) | 7 | 68 (25–180) |
| Maribyrnong (C) | 66 | 123 (95–157) | 58 | 102 (77–133) | 56 | 99 (74–129) | 42 | 66 (47–91) |
| Maroondah (C) | 98 | 91 (73–111) | 103 | 92 (75–113) | 98 | 87 (71–107) | 117 | 101 (83–121) |
| Melbourne (C) | 44 | 80 (57–112) | 38 | 67 (47–96) | 42 | 68 (48–96) | 49 | 73 (53–100) |
| Melton (C) | 67 | 87 (67–113) | 72 | 89 (69–114) | 59 | 69 (52–90) | 79 | 86 (67–109) |
| Mildura (RC) | 52 | 95 (71–126) | 65 | 114 (88–146) | 46 | 77 (56–104) | 71 | 120 (93–153) |
| Mitchell (S) | 36 | 113 (79–159) | 41 | 121 (86–166) | 27 | 73 (48–108) | 35 | 86 (60–121) |
| Moira (S) | 33 | 85 (58–126) | 36 | 94 (65–137) | 37 | 95 (66–138) | 44 | 111 (80–156) |
| Monash (C) | 135 | 70 (58–83) | 146 | 75 (63–89) | 129 | 67 (56–80) | 133 | 66 (55–79) |
| Moonee Valley (C) | 94 | 81 (66–100) | 96 | 84 (68–103) | 84 | 71 (57–89) | 114 | 95 (78–115) |
| Moorabool (S) | 24 | 80 (51–123) | 27 | 85 (56–128) | 32 | 96 (65–140) | 37 | 108 (76–152) |
| Moreland (C) | 126 | 92 (77–110) | 121 | 92 (76–110) | 127 | 95 (79–114) | 134 | 98 (82–116) |
| Mornington Peninsula (S) | 178 | 93 (79–108) | 182 | 93 (79–109) | 167 | 82 (69–96) | 181 | 84 (72–99) |
| Mount Alexander (S) | 30 | 114 (77–178) | 27 | 103 (67–167) | 20 | 75 (44–132) | 27 | 97 (63–155) |
| Moyne (S) | 20 | 102 (62–167) | 14 | 76 (41–138) | 13 | 71 (38–132) | 25 | 118 (76–185) |
| Murrindindi (S) | 17 | 96 (56–169) | 17 | 88 (51–157) | 28 | 132 (86–207) | 15 | 67 (37–131) |
| Nillumbik (S) | 40 | 67 (47–93) | 39 | 62 (43–87) | 56 | 81 (61–108) | 55 | 84 (63–112) |
| Northern Grampians (S) | 20 | 137 (82–226) | 20 | 119 (72–201) | 24 | 137 (87–222) | 20 | 114 (68–197) |
| Port Phillip (C) | 79 | 96 (76–123) | 66 | 84 (65–110) | 84 | 95 (76–120) | 84 | 92 (73–116) |
| Pyrenees (S) | 11 | 88 (43–213) | 17 | 145 (84–287) | 9 | 83 (37–206) | 8 | 67 (29–188) |
| Queenscliffe (B) | 4 | 87 (23–387) | 3 | 45 (9–390) | 2 | 36 (4–352) | 3 | 70 (10–408) |
| South Gippsland (S) | 33 | 98 (67–144) | 38 | 102 (72–147) | 22 | 54 (34–89) | 37 | 94 (65–136) |
| Southern Grampians (S) | 16 | 75 (43–132) | 19 | 85 (51–143) | 29 | 151 (99–228) | 13 | 57 (30–109) |
| Stonnington (C) | 90 | 92 (74–115) | 76 | 79 (62–101) | 64 | 64 (49–83) | 80 | 80 (63–100) |
| Strathbogie (S) | 16 | 119 (63–226) | 13 | 87 (40–186) | 22 | 127 (78–223) | 15 | 92 (51–183) |
| Surf Coast (S) | 16 | 58 (33–99) | 21 | 74 (46–118) | 25 | 78 (50–121) | 25 | 70 (45–109) |
| Swan Hill (RC) | 25 | 105 (68–159) | 19 | 77 (46–125) | 28 | 117 (77–173) | 17 | 73 (42–123) |
| Towong (S) | 9 | 102 (46–259) | 5 | 61 (20–215) | 0 | 0 (0) | 8 | 80 (34–223) |
| Wangaratta (RC) | 43 | 127 (91–176) | 34 | 98 (68–142) | 26 | 68 (44–105) | 30 | 81 (54–122) |
| Warrnambool (C) | 48 | 143 (105–191) | 35 | 104 (72–147) | 37 | 103 (72–144) | 32 | 88 (60–127) |
| Wellington (S) | 64 | 126 (97–164) | 54 | 111 (83–147) | 66 | 117 (90–151) | 65 | 118 (91–154) |
| West Wimmera (S) | 7 | 103 (41–290) | 9 | 140 (64–344) | 6 | 119 (37–337) | 7 | 112 (45–299) |
| Whitehorse (C) | 138 | 84 (71–100) | 144 | 87 (73–102) | 134 | 78 (66–93) | 123 | 72 (59–86) |
| Whittlesea (C) | 125 | 91 (76–109) | 140 | 97 (81–115) | 120 | 78 (64–93) | 150 | 92 (78–108) |
| Wodonga (C) | 24 | 73 (46–109) | 28 | 83 (55–121) | 18 | 52 (31–83) | 23 | 59 (37–90) |
| Wyndham (C) | 98 | 91 (73–112) | 103 | 84 (68–104) | 105 | 79 (65–97) | 132 | 97 (81–116) |
| Yarra (C) | 64 | 104 (80–135) | 61 | 97 (74–127) | 56 | 87 (66–116) | 48 | 72 (53–98) |
| Yarra Ranges (S) | 125 | 81 (67–97) | 145 | 91 (76–108) | 145 | 86 (72–102) | 124 | 74 (61–89) |
| Yarriambiack (S) | 7 | 62 (25–178) | 11 | 108 (54–245) | 14 | 140 (75–289) | 12 | 103 (53–243) |

### Table 2.2.1c: Age–adjusted premature death rates (and 95% confidence intervals) for all cancers by LGA and by year, 2014–2017

| LGA | 2014  Total no. of deaths | 2014  ASR (CI) | 2015  Total no. of deaths | 2015  ASR (CI) | 2016  Total no. of deaths | 2016  ASR (CI) | 2017  Total no. of deaths | 2017  ASR (CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpine (S) | 12 | 66 (33–139) | 22 | 117 (70–201) | 17 | 81 (47–154) | 20 | 104 (61–183) |
| Ararat (RC) | 9 | 50 (23–113) | 13 | 72 (38–138) | 8 | 45 (19–104) | 11 | 56 (28–117) |
| Ballarat (C) | 106 | 99 (81–121) | 90 | 79 (63–98) | 112 | 98 (81–119) | 87 | 73 (58–90) |
| Banyule (C) | 95 | 66 (53–81) | 106 | 75 (61–92) | 95 | 66 (53–81) | 116 | 79 (65–95) |
| Bass Coast (S) | 48 | 102 (73–142) | 61 | 121 (90–163) | 38 | 74 (50–111) | 46 | 78 (56–112) |
| Baw Baw (S) | 35 | 55 (38–80) | 56 | 84 (63–112) | 50 | 77 (56–104) | 60 | 91 (68–120) |
| Bayside (C) | 73 | 61 (47–78) | 72 | 60 (46–77) | 81 | 64 (51–81) | 72 | 54 (42–70) |
| Benalla (RC) | 23 | 104 (65–173) | 16 | 79 (43–149) | 12 | 54 (27–115) | 31 | 139 (92–215) |
| Boroondara (C) | 112 | 62 (51–75) | 110 | 60 (50–73) | 133 | 70 (59–84) | 95 | 49 (39–60) |
| Brimbank (C) | 170 | 84 (72–98) | 160 | 79 (67–93) | 187 | 88 (76–102) | 176 | 80 (69–93) |
| Buloke (S) | 9 | 83 (38–215) | 14 | 156 (77–320) | 12 | 107 (55–250) | 6 | 52 (19–190) |
| Campaspe (S) | 60 | 121 (91–161) | 38 | 72 (50–104) | 41 | 81 (57–115) | 34 | 66 (45–98) |
| Cardinia (S) | 61 | 73 (55–94) | 77 | 88 (69–110) | 74 | 78 (61–98) | 69 | 68 (53–87) |
| Casey (C) | 202 | 81 (70–94) | 214 | 82 (71–93) | 215 | 79 (69–91) | 201 | 70 (61–81) |
| Central Goldfields (S) | 22 | 96 (59–171) | 32 | 149 (100–235) | 26 | 123 (78–205) | 28 | 139 (89–224) |
| Colac–Otway (S) | 21 | 81 (49–131) | 33 | 106 (72–157) | 30 | 95 (64–144) | 24 | 76 (48–121) |
| Corangamite (S) | 13 | 65 (33–125) | 28 | 130 (86–201) | 15 | 59 (33–112) | 28 | 123 (79–194) |
| Darebin (C) | 131 | 98 (82–116) | 123 | 91 (75–109) | 118 | 86 (71–103) | 106 | 75 (61–91) |
| East Gippsland (S) | 66 | 82 (62–109) | 67 | 94 (71–125) | 62 | 87 (65–119) | 82 | 99 (77–130) |
| Frankston (C) | 117 | 80 (66–96) | 136 | 90 (76–107) | 151 | 98 (83–115) | 136 | 86 (72–102) |
| Gannawarra (S) | 15 | 101 (55–193) | 12 | 90 (42–186) | 12 | 68 (34–148) | 15 | 98 (50–191) |
| Glen Eira (C) | 121 | 87 (72–105) | 103 | 73 (59–89) | 110 | 76 (62–92) | 90 | 58 (47–72) |
| Glenelg (S) | 25 | 86 (56–137) | 27 | 97 (63–153) | 24 | 78 (49–129) | 23 | 75 (47–124) |
| Golden Plains (S) | 21 | 84 (51–137) | 26 | 110 (70–169) | 27 | 107 (70–163) | 23 | 85 (53–135) |
| Greater Bendigo (C) | 117 | 93 (77–113) | 102 | 80 (65–98) | 130 | 101 (84–121) | 131 | 94 (78–112) |
| Greater Dandenong (C) | 137 | 89 (75–106) | 119 | 77 (63–92) | 130 | 82 (69–98) | 117 | 73 (60–87) |
| Greater Geelong (C) | 247 | 94 (83–107) | 238 | 87 (77–100) | 230 | 81 (71–93) | 236 | 78 (68–89) |
| Greater Shepparton (C) | 47 | 66 (48–90) | 61 | 84 (64–109) | 49 | 68 (50–92) | 55 | 70 (52–92) |
| Hepburn (S) | 23 | 89 (56–152) | 27 | 115 (71–191) | 19 | 69 (40–128) | 33 | 127 (85–198) |
| Hindmarsh (S) | 9 | 93 (42–226) | 11 | 113 (56–257) | 6 | 63 (23–194) | 10 | 132 (60–289) |
| Hobsons Bay (C) | 88 | 95 (76–118) | 77 | 82 (64–103) | 76 | 77 (61–98) | 82 | 81 (65–102) |
| Horsham (RC) | 11 | 47 (23–90) | 26 | 102 (67–157) | 26 | 110 (71–168) | 19 | 71 (43–119) |
| Hume (C) | 150 | 90 (76–106) | 164 | 95 (81–110) | 138 | 74 (62–88) | 164 | 85 (72–99) |
| Indigo (S) | 15 | 70 (39–135) | 12 | 51 (26–108) | 9 | 47 (19–106) | 16 | 59 (34–115) |
| Kingston (C) | 148 | 87 (73–102) | 143 | 82 (69–97) | 138 | 77 (64–91) | 136 | 74 (62–88) |
| Knox (C) | 140 | 79 (66–94) | 127 | 70 (58–84) | 157 | 85 (72–100) | 142 | 75 (63–89) |
| Latrobe (C) | 77 | 88 (69–112) | 85 | 99 (78–124) | 97 | 107 (86–133) | 98 | 105 (85–130) |
| Loddon (S) | 11 | 81 (40–203) | 9 | 74 (33–195) | 13 | 98 (51–220) | 12 | 92 (46–221) |
| Macedon Ranges (S) | 41 | 73 (52–104) | 38 | 63 (44–90) | 63 | 103 (79–136) | 53 | 83 (62–113) |
| Manningham (C) | 107 | 70 (57–85) | 103 | 68 (56–84) | 97 | 64 (52–79) | 98 | 64 (52–79) |
| Mansfield (S) | 6 | 47 (17–145) | 15 | 104 (58–212) | 13 | 104 (48–225) | 9 | 67 (27–167) |
| Maribyrnong (C) | 58 | 92 (70–120) | 52 | 78 (58–103) | 58 | 86 (65–113) | 56 | 82 (62–108) |
| Maroondah (C) | 96 | 79 (64–97) | 99 | 81 (65–99) | 91 | 73 (59–90) | 91 | 69 (56–86) |
| Melbourne (C) | 41 | 59 (41–84) | 58 | 72 (54–97) | 47 | 55 (40–78) | 54 | 58 (43–79) |
| Melton (C) | 75 | 73 (57–92) | 88 | 81 (65–101) | 95 | 82 (66–101) | 104 | 84 (68–102) |
| Mildura (RC) | 48 | 74 (54–99) | 47 | 71 (52–96) | 58 | 89 (67–117) | 68 | 104 (81–135) |
| Mitchell (S) | 30 | 70 (47–103) | 43 | 98 (71–135) | 32 | 70 (47–100) | 36 | 77 (54–109) |
| Moira (S) | 34 | 82 (56–122) | 43 | 99 (71–141) | 53 | 115 (85–157) | 27 | 61 (39–96) |
| Monash (C) | 125 | 63 (52–75) | 145 | 73 (61–86) | 132 | 67 (56–80) | 136 | 68 (57–81) |
| Moonee Valley (C) | 96 | 81 (65–99) | 90 | 72 (58–89) | 110 | 87 (71–105) | 90 | 69 (55–85) |
| Moorabool (S) | 31 | 82 (56–121) | 37 | 92 (65–131) | 32 | 78 (53–113) | 36 | 85 (59–121) |
| Moreland (C) | 117 | 85 (71–103) | 131 | 95 (79–113) | 114 | 81 (67–98) | 109 | 76 (62–92) |
| Mornington Peninsula (S) | 168 | 77 (65–91) | 180 | 79 (67–92) | 189 | 82 (70–96) | 176 | 77 (65–91) |
| Mount Alexander (S) | 19 | 64 (38–115) | 25 | 90 (56–147) | 24 | 78 (49–129) | 20 | 59 (36–104) |
| Moyne (S) | 20 | 95 (57–159) | 26 | 111 (72–174) | 14 | 58 (31–108) | 17 | 85 (48–147) |
| Murrindindi (S) | 15 | 73 (39–143) | 19 | 90 (53–158) | 21 | 87 (52–154) | 20 | 92 (54–161) |
| Nillumbik (S) | 44 | 59 (42–81) | 41 | 58 (41–82) | 54 | 70 (53–94) | 41 | 52 (37–74) |
| Northern Grampians (S) | 14 | 68 (37–138) | 20 | 121 (71–208) | 17 | 98 (53–181) | 28 | 166 (106–263) |
| Port Phillip (C) | 63 | 68 (52–90) | 76 | 78 (61–99) | 80 | 77 (61–98) | 75 | 71 (56–91) |
| Pyrenees (S) | 19 | 148 (89–272) | 9 | 66 (30–175) | 15 | 113 (61–231) | 8 | 61 (25–178) |
| Queenscliffe (B) | 6 | 103 (32–475) | 6 | 130 (32–573) | 3 | 48 (10–495) | 1 | 12 (0–514) |
| South Gippsland (S) | 33 | 77 (53–116) | 42 | 98 (69–141) | 42 | 92 (66–131) | 39 | 83 (57–123) |
| Southern Grampians (S) | 17 | 83 (47–146) | 34 | 150 (103–221) | 23 | 101 (62–165) | 25 | 100 (65–160) |
| Stonnington (C) | 66 | 63 (48–81) | 55 | 51 (38–67) | 88 | 81 (65–101) | 70 | 62 (48–80) |
| Strathbogie (S) | 22 | 127 (78–220) | 18 | 84 (50–162) | 13 | 75 (38–159) | 18 | 89 (50–171) |
| Surf Coast (S) | 27 | 79 (52–120) | 33 | 90 (61–131) | 22 | 55 (34–88) | 27 | 60 (39–93) |
| Swan Hill (RC) | 28 | 112 (74–168) | 30 | 121 (81–178) | 19 | 77 (46–125) | 22 | 83 (52–132) |
| Towong (S) | 7 | 68 (27–204) | 5 | 48 (15–176) | 2 | 18 (2–137) | 4 | 40 (10–171) |
| Wangaratta (RC) | 41 | 108 (77–152) | 32 | 82 (55–122) | 33 | 89 (60–132) | 35 | 89 (61–131) |
| Warrnambool (C) | 41 | 104 (74–143) | 26 | 68 (44–102) | 42 | 105 (75–145) | 31 | 74 (50–109) |
| Wellington (S) | 62 | 114 (86–149) | 50 | 82 (61–111) | 77 | 129 (101–164) | 75 | 126 (98–162) |
| West Wimmera (S) | 4 | 73 (19–261) | 8 | 127 (54–337) | 6 | 140 (48–373) | 9 | 145 (65–345) |
| Whitehorse (C) | 142 | 80 (68–95) | 115 | 66 (55–80) | 120 | 68 (57–82) | 114 | 63 (52–76) |
| Whittlesea (C) | 144 | 84 (71–99) | 145 | 81 (68–96) | 124 | 65 (54–78) | 167 | 85 (72–99) |
| Wodonga (C) | 28 | 73 (48–107) | 14 | 34 (19–59) | 14 | 32 (17–56) | 12 | 28 (14–51) |
| Wyndham (C) | 114 | 78 (64–95) | 134 | 86 (72–103) | 147 | 89 (75–105) | 139 | 78 (65–93) |
| Yarra (C) | 67 | 9573–122) | 53 | 70 (52–94) | 63 | 80 (61–105) | 58 | 72 (54–95) |
| Yarra Ranges (S) | 147 | 83 (70–99) | 137 | 75 (63–89) | 160 | 89 (76–105) | 136 | 73 (61–87) |
| Yarriambiack (S) | 7 | 84 (30–223) | 7 | 70 (27–193) | 6 | 53 (19–171) | 13 | 114 (60–245) |

# Key result: Decrease UV exposure

## Measure 9.1 – Proportion of 18–69–year–olds who report getting sunburnt on the weekend

### Table 9.1a: Unadjusted and adjusted prevalence estimates for weekend sunburn incidence among Victorian adults (18–69 years) in summer 2013–14

| Year | Victorian adults (18–69 years) | Males  (*n* = 354) | Females  (*n =* 355) | Skin sensitivity  Highly/moderately sensitive[[1]](#footnote-1)  (*n =* 373) | Skin sensitivity  Not sensitive  (*n =* 121) |
| --- | --- | --- | --- | --- | --- |
| 2013–14  (*n* = 709) | Unadjusted (%)  13.1 | 17.0 | 9.3 | 14.6 | 9.7 |
| Adjusted (%)[[2]](#footnote-2)  9.4 | 11.9 | 6.9 | 11.0 | 4.7 |
| (95% CI)  (7.0–11.9) | (8.1–15.8) | (3.9–10.0) | (8.0–14.1) | (1.1–8.4) |

### Table 9.1b: Unadjusted and adjusted prevalence estimates for weekend sunburn incidence among Victorian adults (18–69 years) in summer 2016–17

| Year | Victorian adults (18–69 years) | Males  (*n* = 262) | Females  (*n =* 276) | Skin sensitivity  Highly/moderately sensitive[[3]](#footnote-3)  (*n =* 381) | Skin sensitivity  Not sensitive  (*n =* 142) |
| --- | --- | --- | --- | --- | --- |
| 2016–17  (*n* = 538) | Unadjusted (%)  15.1 | 18.3 | 12.0 | 17.6 | 9.9 |
| Adjusted (%)[[4]](#footnote-4)  14.3 | 19.3 | 9.8 | 16.0 | 9.6 |
| (95% CI)  (10.8–17.8) | (13.6–25.0) | (5.6–13.9) | (11.7–20.3) | (4.1–15.1) |

## Measure 9.2 – Proportion of 18–69–year–olds wearing a combination of hats and/or sunscreen with one other key sun protective behaviour[[5]](#footnote-5)

### Table 9.2a: Unadjusted and adjusted prevalence estimates of use of two or more sun–protective behaviours among Victorian adults (18–69 years) in summer 2013–14

| Year | Victorian adults (18–69 years) | Males  (*n =* 268) | Females  (*n =* 239) | Skin sensitivity  Highly/moderately sensitive[[6]](#footnote-6)  (*n =* 373) | Skin sensitivity  Not sensitive  (*n =* 121) |
| --- | --- | --- | --- | --- | --- |
| 2013–14  (*n =* 507) | Unadjusted (%)  43.8 | 40.7 | 47.3 | 46.9 | 34.7 |
| Adjusted (%)[[7]](#footnote-7)  41.3 | 38.2 | 45.3 | 44.7 | 31.5 |
| (95% CI)  (36.1–46.5) | (31.0–45.4) | (37.9–52.7) | (38.7–50.8) | (20.9–42.0) |

### Table 9.2b: Unadjusted and adjusted prevalence estimates of use of two or more sun–protective behaviours among Victorian adults (18–69 years) in summer 2016–17

| Year | *Victorian adults (18–69 years)* | Males  (*n =* 193) | Females  (*n =* 172) | Skin sensitivity  Highly/moderately sensitive (*n =* 260) | Skin sensitivity  Not sensitive (*n =* 97) |
| --- | --- | --- | --- | --- | --- |
| 2016–17  (*n =* 365) | Unadjusted (%)  48.8 | 49.7 | 47.7 | 51.9 | 41.2 |
| Adjusted (%)  46.3 | 45.7 | 46.3 | 50.4 | 34.8 |
| (95% CI)  (40.1–52.5) | (36.8–54.6) | (37.7–54.8) | (43.1–57.7) | (23.4–46.2) |

# Key result: Increase early–stage diagnosis

## Measure 11.2 – Proportion of female breast cancers diagnosed at stages 1 or 2

### Table 11.2: Proportion of female breast cancers diagnosed at stages 1 and 2, by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- |
| Age < 60 | [1,517/1,822] (83.3) | [1,517/1,791] (84.7) | [1,623/1,923] (84.4) |
| Age 60–69 | [961/1,094] (87.8) | [993/1,134] (87.6) | [929/1,053] (88.2) |
| Age 70–79 | [567/677] (83.6) | [643/758] (84.8) | [625/732] (85.3) |
| Age 80+ | [261/330] (79.1) | [253/318] (79.6) | [237/320] (74.1) |
| Female | [3,306/3,923] (84.3) | [3,406/4,001] (85.1) | [3,414/4,028] (84.8) |
| Male | [0] | [0] | [0] |
| Aboriginal Victorian | [13/18] (72.2) | [27/30] (90.0) | [27/29] (93.1) |
| Non–Aboriginal Victorian | [3,293/3,905] (84.3) | [3,379/3,971] (85.1) | [3,387/3,999] (84.7) |
| Language other than English | [685/841] (81.5) | [742/860] (86.3) | [677/814] (83.2) |
| English | [2,449/2,888] (84.8) | [2,451/2,894] (84.7) | [2,413/2,814] (85.8) |
| Unknown | [172] | [111] | [255] |
| **Total** | **[3,306/3,923] (84.3)** | **[3,406/4,001] (85.1)** | **[3,414/4,028] (84.8)** |

### Table 11.2.1: Proportion of female breast cancers diagnosed at stages 1 and 2, by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Remoteness area | Major cities | [2,429/2,876] (84.5) | [2,476/2,922] (84.7) | [2,519/2,980] (84.5) |
| Inner regional | [696/827] (84.2) | [744/866] (85.9) | [705/827] (85.3) |
| Outer regional/remote | [181/218] (83) | [168/194] (86.6) | [189/218] (86.7) |
| Unknown | [0] | [18] | [1] |
| Integrated Cancer Service | NEMICS | [863/1028] (84) | [871/1002] (86.9) | [888/1031] (86.1) |
| SMICS | [877/1028] (85.3) | [931/1092] (85.3) | [954/1130] (84.4) |
| WCMICS | [618/735] (84.1) | [620/755] (82.1) | [615/745] (82.6) |
| BSWRICS | [255/301] (84.7) | [215/263] (81.6) | [243/282] (86.2) |
| GRICS | [178/205] (86.8) | [193/226] (85.4) | [201/230] (87.4) |
| HRICS | [195/236] (82.6) | [203/221] (91.7) | [162/196] (82.7) |
| LMICS | [200/239] (83.7) | [206/244] (84.4) | [213/253] (84.2) |
| GICS | [120/149] (80.5) | [142/172] (82.6) | [136/158] (86.1) |
| Unknown | [0] | [25] | [2] |
| Socioeconomic status | 1 (most disadvantaged) | [563/710] (79.3) | [584/704] (83) | [575/711] (80.8) |
| 2 | [620/744] (83.3) | [622/737] (84.4) | [646/778] (83) |
| 3 | [644/754] (85.4) | [679/809] (83.9) | [638/766] (83.3) |
| 4 | [737/855] (86.2) | [729/844] (86.4) | [710/818] (86.8) |
| 5 (least disadvantaged) | [720/835] (86.2) | [774/886] (87.4) | [822/929] (88.5) |
| Unknown | [22] | [18] | [23] |
| Total |  | [3,306/3,923] (84.3) | [3,406/4,001] (85.1) | [3,414/4,028] (84.8) |

## Measure 11.3 – Proportion of colorectal cancers diagnosed at stage 1 and 2

### Table 11.3: Proportion of colorectal cancers diagnosed at stages 1 and 2, by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- |
| Age < 60 | [342/718] (47.6) | [322/678] (47.5) | [326/704] (46.3) |
| Age 60–69 | [429/782] (54.8) | [441/811] (54.4) | [402/755] (53.3) |
| Age 70–79 | [491/904] (54.3) | [553/980] (56.4) | [626/1,033] (60.6) |
| Age 80+ | [413/741] (55.7) | [451/839] (53.8) | [415/723] (57.4) |
| Female | [750/1,468] (51.1) | [786/1,481] (53.1) | [789/1,438] (54.9) |
| Male | [925/1,677] (55.2) | [981/1,827] (53.7) | [980/1,777] (55.2) |
| Aboriginal Victorian | [4/13] (30.8) | [10/23] (43.5) | [14/21] (66.7) |
| Non–Aboriginal Victorian | [1,671/3,132] (53.4) | [1,757/3,285] (53.5) | [1,755/3,194] (55) |
| Language other than English | [379/740] (51.2) | [409/775] (52.3) | [386/725] (53.2) |
| English | [1,181/2,262] (52.2) | [1,174/2,280] (51.5) | [1,209/2,248] (53.8) |
| Unknown | [115] | [184] | [174] |
| **Total** | **[1,675/3,145] (53.3)** | **[1,767/3,308] (53.4)** | **[1,769/3,215] (55)** |

### Table 11.3.1: Proportion of colorectal cancers diagnosed at stages 1 and 2, by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Remoteness area | Major cities | [1,118/2,121] (52.7) | [1,220/2,244] (54.4) | [1,193/2,213] (53.9) |
| Inner regional | [434/793] (54.7) | [432/803] (53.8) | [471/800] (58.9) |
| Outer regional/remote | [123/227] (54.2) | [107/239] (44.8) | [104/200] (52.0) |
| Unknown | [0] | [8] | [1] |
| Integrated Cancer Service | NEMICS | [414/746] (55.5) | [420/767] (54.8) | [400/723] (55.3) |
| SMICS | [385/758] (50.8) | [408/794] (51.4) | [455/828] (55) |
| WCMICS | [280/547] (51.2) | [327/577] (56.7) | [304/571] (53.2) |
| BSWRICS | [152/270] (56.3) | [159/295] (53.9) | [140/269] (52) |
| GRICS | [104/177] (58.8) | [107/214] (50) | [126/216] (58.3) |
| HRICS | [127/222] (57.2) | [116/228] (50.9) | [119/195] (61) |
| LMICS | [122/240] (50.9) | [132/237] (55.7) | [117/214] (54.7) |
| GICS | [91/181] (50.3) | [89/171] (52.1) | [107/196] (54.6) |
| Unknown | [0] | [9] | [1] |
| Socioeconomic status | 1 (most disadvantaged) | [409/749] (54.6) | [387/762] (50.8) | [398/744] (53.5) |
| 2 | [352/648] (54.3) | [376/701] (53.6) | [364/667] (54.6) |
| 3 | [363/642] (56.5) | [349/664] (52.6) | [388/648] (59.9) |
| 4 | [279/575] (48.5) | [355/619] (57.3) | [323/601] (53.7) |
| 5 (least disadvantaged) | [266/519] (51.3) | [289/543] (53.2) | [281/531] (53) |
| Unknown | [6] | [11] | [15] |
| **Total** |  | **[1,675/3,145] (53.3)** | **[1,767/3,308] (53.4)** | **[1,769/3,215] (55)** |

## Measure 11.6 – Proportion of all solid tumours diagnosed at metastatic stage

### Table 11.6: Proportion of all solid tumours diagnosed at metastatic stage, by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- |
| Age < 60 | [1,152/7,813] (14.7) | [1,128/7,807] (14.5) | [1,153/8,242] (14) |
| Age 60–69 | [1,325/7,080] (18.7) | [1,339/7,435] (18) | [1,367/7,551] (18) |
| Age 70–79 | [1,446/6,374] (22.7) | [1,478/6,849] (21.6) | [1,515/7,184] (21.1) |
| Age 80+ | [1,322/5,458] (24.2) | [1,374/5,344] (25.7) | [1,271/5,286] (24) |
| Female | [2,398/12,645] (19) | [2,421/12,882] (18.8) | [2,401/13,209] (18.2) |
| Male | [2,847/14,080] (20.2) | [2,898/14,553] (19.9) | [2,905/15,054] (19.3) |
| Aboriginal Victorian | [39/144] (27.1) | [35/141] (24.8) | [36/139] (25.9) |
| Non–Aboriginal Victorian | [5,208/26,609] (19.6) | [5,284/27,294] (19.4) | [5,270/28,124] (18.7) |
| Language other than English | [1,497/6,310] (23.7) | [1,497/6,493] (23.1) | [1,390/6,166] (22.5) |
| English | [3,660/17,889] (20.5) | [3,728/18,053] (20.7) | [3,701/18,212] (20.3) |
| Unknown | [88] | [94] | [215] |
| **Total** | **[5,245/26,725] (19.6)** | **[5,319/27,435] (19.4)** | **[5,306/28,263] (18.8)** |

### Table 11.6.1: Proportion of all solid tumours diagnosed at metastatic stage, by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Remoteness area | Major cities | [3,678/18,804] (19.6) | [3,623/19,059] (19) | [3,651/19,893] (18.4) |
| Inner regional | [1,214/6,169] (19.7) | [1,223/6,265] (19.5) | [1,295/6,626] (19.5) |
| Outer regional/remote | [331/1,602] (20.7) | [362/1,620] (22.4) | [342/1,664] (20.6) |
| Unknown | [22] | [111] | [18] |
| Integrated Cancer Service | NEMICS | [1,205/6,274] (19.2) | [1,149/6,304] (18.2) | [1,182/6,568] (18) |
| SMICS | [1,343/7,168] (18.7) | [1,362/7,367] (18.5) | [1,364/7,641] (17.9) |
| WCMICS | [1,003/4,842] (20.7) | [990/4,816] (20.6) | [993/5,173] (19.2) |
| BSWRICS | [402/2,052] (19.6) | [403/2,005] (20.1) | [401/2,077] (19.3) |
| GRICS | [319/1,646] (19.4) | [363/1,631] (22.3) | [364/1,778] (20.5) |
| HRICS | [298/1,567] (19) | [294/1,598] (18.4) | [291/1,610] (18.1) |
| LMICS | [362/1,795] (20.2) | [380/1,869] (20.3) | [389/1,936] (20.1) |
| GICS | [291/1,231] (23.6) | [257/1,298] (19.8) | [298/1,369] (21.8) |
| Unknown | [22] | [121] | [24] |
| Socioeconomic status | 1 (most disadvantaged) | [1,371/5,986] (22.9) | [1,342/5,922] (22.7) | [1,319/5,988] (22) |
| 2 | [1,100/5,444] (20.2) | [1,202/5,614] (21.4) | [1,138/5,734] (19.9) |
| 3 | [1,032/5,231] (19.7) | [1,030/5,394] (19.1) | [982/5,424] (18.1) |
| 4 | [913/4,929] (18.5) | [885/5,134] (17.2) | [1,012/5,449] (18.6) |
| 5 (least disadvantaged) | [799/4,954] (16.1) | [824/5,192] (15.9) | [801/5,397] (14.8) |
| Unknown | [30] | [36] | [54] |
| **Total** |  | **[5,245/26,725] (19.6)** | **[5,319/27,435] (19.4)** | **[5,306/28,263] (18.8)** |

# Key result: Increase adherence to optimal care pathways

## Measure 12.1 – Median days from diagnosis to start of primary curative treatment

### Table 12.1a: Median days (and interquartile range) from diagnosis to start of primary curative treatment (overall) by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- |
| Age < 60 | 6,112 | 20 (1 – 39) | 6,033 | 21 (3 – 40) | 6,281 | 21 (4 – 40) |
| Age 60–69 | 4,787 | 24 (6 – 46) | 5,012 | 25 (7 – 46) | 5,031 | 26 (8 – 49) |
| Age 70–79 | 3,870 | 21 (0 – 42) | 4,222 | 23 (0 – 44) | 4,470 | 24 (1 – 46) |
| Age 80+ | 2272 | 16 (0 – 36) | 2,291 | 16 (0 – 36) | 2,346 | 19 (0 – 40) |
| Female | 8,945 | 19 (6 – 35) | 9,110 | 20 (7 – 35) | 9,383 | 20 (7 – 36) |
| Male | 8,096 | 24 (0 – 49) | 8,448 | 26 (0 – 50) | 8,745 | 27 (0 – 52) |
| Aboriginal Victorian | 87 | 21 (0 – 48) | 113 | 22 (2 – 44) | 116 | 25 (0 – 44) |
| Non–Aboriginal Victorian | 16,954 | 21 (0 – 42) | 17,445 | 22 (1 – 42) | 18,012 | 22 (3 – 43) |
| Language other than English | 3,566 | 22 (0 – 42) | 3,755 | 22 (0 – 42) | 3,562 | 22 (1 – 43) |
| English | 12,320 | 21 (1–41) | 12,518 | 22 (3–42) | 12,692 | 22 (4–43) |

### Table 12.1b: Median days (and interquartile range) from diagnosis to start of primary curative treatment (overall) by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remoteness area | Major cities | 12,265 | 20 (0 – 40) | 12,637 | 21 (1 – 41) | 13,043 | 21 (3 – 42) |
| Inner regional | 3,793 | 23 (0 – 45) | 3,872 | 24 (4 – 45) | 4,070 | 26 (4 – 48) |
| Outer regional/remote | 957 | 23 (1 – 46) | 944 | 23 (0 – 48) | 973 | 26 (1 – 46) |
| Unknown | 26 | – | 105 | – | 42 | – |
| Integrated Cancer Service | NEMICS | 4,112 | 19 (0 – 40) | 4,297 | 20 (0 – 40) | 4,350 | 21 (4 – 41) |
| SMICS | 4,664 | 20 (0 – 40) | 4,821 | 22 (4 – 41) | 5,005 | 22 (4 – 42) |
| WCMICS | 3,190 | 21 (0 – 41) | 3,180 | 21 (0 – 41) | 3,395 | 21 (0 – 43) |
| BSWRICS | 1,304 | 20 (0 – 41) | 1,227 | 21 (4 – 42) | 1,314 | 23 (7 – 43) |
| GRICS | 1,052 | 27 (0 – 48) | 1,034 | 27 (0 – 46) | 1,100 | 27 (0 – 48) |
| HRICS | 879 | 25 (7 – 47) | 912 | 25 (4 – 49) | 895 | 28 (10 – 54) |
| LMICS | 1,091 | 23 (0 – 47) | 1,153 | 25 (0 – 48) | 1,176 | 24 (0 – 46) |
| GICS | 723 | 21 (0 – 41) | 797 | 22 (0 – 43) | 841 | 23 (5 – 49) |
| Unknown | 26 | – | 137 | – | 52 | – |
| Socioeconomic status | 1 (most disadvantaged) | 3,469 | 23 (0 – 45) | 3,431 | 24 (0 – 45) | 3,481 | 26 (0 – 48) |
| 2 | 3,360 | 22 (0 – 43) | 3,486 | 23 (0 – 43) | 3,592 | 24 (0 – 45) |
| 3 | 3,360 | 21 (0 – 42) | 3,472 | 22 (3 – 42) | 3,532 | 23 (5 – 44) |
| 4 | 3,320 | 20 (1 – 40) | 3,441 | 21 (4 – 41) | 3,618 | 21 (4 – 42) |
| 5 (least disadvantaged) | 3,416 | 18 (3 – 37) | 3,637 | 20 (6 – 40) | 3,742 | 19 (6 – 40) |
| Unknown | 116 | – | 91 | – | 163 | – |
| **Total** |  | **17,041** | **21 (0 – 42)** | **17,558** | **22 (1 – 42)** | **18,128** | **22 (3 – 43)** |

### Table 12.1.1a: Median days (and interquartile range) from diagnosis to start of primary curative treatment (breast) by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- |
| Age < 60 | 1,773 | 19 (11 – 29) | 1,730 | 20 (12 – 29) | 1,865 | 20 (13 – 29) |
| Age 60–69 | 1041 | 20 (13 – 31) | 1,081 | 21 (13 – 31) | 1,007 | 20 (13 – 30) |
| Age 70–79 | 616 | 20 (12 – 32) | 713 | 20 (13 – 31) | 698 | 21 (13 – 32) |
| Age 80+ | 290 | 21 (9 – 32) | 285 | 21 (11 – 32) | 283 | 21 (12 – 31) |
| Female | 3,720 | 20 (11 – 30) | 3,809 | 20 (13 – 30) | 3,853 | 20 (13 – 30) |
| Male | - | - | - | - | - | - |
| Aboriginal Victorian | 16 | 20 (12 – 38) | 30 | 21 (15 – 28) | 30 | 27 (17 – 38) |
| Non–Aboriginal Victorian | 3,704 | 20 (11 – 30) | 3,779 | 20 (13 – 30) | 3,823 | 20 (13 – 30) |
| Language other than English | 796 | 20 (12 – 31) | 832 | 21 (13 – 30) | 766 | 21 (13 – 30) |
| English | 2,748 | 20 (12 – 29) | 2,865 | 20 (13 – 30) | 2,793 | 20 (13 – 29) |

### Table 12.1.1b: Median days (and interquartile range) from diagnosis to start of primary curative treatment (breast) by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remoteness area | Major cities | 2,748 | 18 (10 – 28) | 2,787 | 19 (11 – 29) | 2,851 | 19 (12 – 28) |
| Inner regional | 765 | 23 (15 – 34) | 823 | 23 (16 – 34) | 781 | 23 (15 – 35) |
| Outer regional/remote | 207 | 25 (18 – 36) | 183 | 22 (13 – 35) | 213 | 28 (18 – 37) |
| Unknown | - | – | 16 | – | 8 | – |
| Integrated Cancer Service | NEMICS | 978 | 18 (10 – 31) | 966 | 19 (10 – 31) | 996 | 19 (11 – 31) |
| SMICS | 977 | 19 (10 – 28) | 1,043 | 19 (11 – 28) | 1,079 | 19 (12 – 29) |
| WCMICS | 715 | 17 (9 – 28) | 711 | 19 (12 – 28) | 706 | 18 (12 – 27) |
| BSWRICS | 273 | 20 (14 – 28) | 255 | 20 (15 – 28) | 267 | 21 (14 – 28) |
| GRICS | 202 | 28 (20 – 41) | 218 | 25 (16 – 36) | 223 | 26 (17 – 36) |
| HRICS | 207 | 24 (15 – 41) | 202 | 27 (17 – 41) | 175 | 23 (16 – 42) |
| LMICS | 232 | 21 (17 – 29) | 230 | 22 (15 – 33) | 242 | 26 (18 – 34) |
| GICS | 136 | 22 (14 – 32) | 161 | 21 (14 – 30) | 154 | 22 (15 – 37) |
| Unknown | - | – | 23 | – | 11 | – |
| Socioeconomic status | 1 (most disadvantaged) | 663 | 23 (14 – 34) | 655 | 23 (15 – 33) | 666 | 24 (16 – 34) |
| 2 | 715 | 21 (14 – 32) | 697 | 23 (14 – 34) | 742 | 22 (14 – 33) |
| 3 | 718 | 21 (13 – 33) | 775 | 20 (13 – 28) | 727 | 21 (13 – 30) |
| 4 | 801 | 18 (11 – 28) | 804 | 18 (11 – 29) | 791 | 20 (12 – 29) |
| 5 (least disadvantaged) | 803 | 15 (8 – 24) | 858 | 16 (10 – 27) | 897 | 16 (10 – 27) |
| Unknown | 20 | – | 20 | – | 30 | – |
| **Total** |  | **3,720** | **20 (11 – 30)** | **3,809** | **20 (13 – 30)** | **3,853** | **20 (13 – 30)** |

### Table 12.1.2a: Median days (and interquartile range) from diagnosis to start of primary curative treatment (colorectal) by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- |
| Age < 60 | 542 | 21 (5 – 37) | 518 | 25 (9 – 39) | 562 | 24 (9 – 41) |
| Age 60–69 | 577 | 21 (7 – 36) | 610 | 22 (8 – 38) | 594 | 24 (9 – 39) |
| Age 70–79 | 698 | 20 (1 – 34) | 741 | 21 (6 – 37) | 821 | 26 (10 – 43) |
| Age 80+ | 536 | 14 (0 – 33) | 587 | 15 (0 – 30) | 525 | 19 (0 – 38) |
| Female | 1,107 | 16 (0 – 32) | 1,064 | 18 (0 – 32) | 1,150 | 21 (5 – 38) |
| Male | 1,246 | 23 (6 – 39) | 1,392 | 23 (6 – 40) | 1,352 | 26 (10 – 42) |
| Aboriginal Victorian | 12 | 24 (19 – 55) | 14 | 24 (19 – 45) | 16 | 26 (11 – 39) |
| Non–Aboriginal Victorian | 2,341 | 20 (1 – 35) | 2,442 | 21 (4 – 36) | 2,486 | 23 (8 – 41) |
| Language other than English | 576 | 23 (0 – 39) | 589 | 26 (9 – 42) | 567 | 27 (11 – 42) |
| English | 1,685 | 19 (3 – 35) | 1,692 | 20 (2 – 35) | 1,763 | 23 (8 – 41) |

### Table 12.1.2b: Median days (and interquartile range) from diagnosis to start of primary curative treatment (colorectal) by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remoteness area | Major cities | 1,602 | 20 (0 – 35) | 1,696 | 21 (5 – 36) | 1,724 | 23 (7 – 40) |
| Inner regional | 577 | 21 (1 – 37) | 588 | 22 (5 – 38) | 617 | 27 (11 – 44) |
| Outer regional/remote | 172 | 20 (4 – 36) | 160 | 20 (0 – 34) | 159 | 20 (1 – 43) |
| Unknown | 2 | – | 12 | – | 2 | – |
| Integrated Cancer Service | NEMICS | 567 | 19 (0 – 35) | 596 | 20 (6 – 35) | 577 | 21 (7 – 36) |
| SMICS | 566 | 19 (3 – 35) | 589 | 21 (2 – 36) | 638 | 20 (6 – 41) |
| WCMICS | 415 | 21 (3 – 35) | 427 | 23 (8 – 36) | 451 | 26 (8 – 42) |
| BSWRICS | 204 | 15 (0 – 30) | 220 | 18 (2 – 29) | 193 | 24 (12 – 41) |
| GRICS | 139 | 25 (10 – 41) | 165 | 21 (0 – 41) | 183 | 29 (14 – 46) |
| HRICS | 145 | 24 (12 – 41) | 142 | 25 (4 – 40) | 125 | 24 (10 – 42) |
| LMICS | 184 | 20 (0 – 38) | 177 | 23 (1 – 38) | 173 | 20 (0 – 44) |
| GICS | 131 | 14 (0 – 29) | 122 | 19 (1 – 37) | 159 | 27 (10 – 42) |
| Unknown | 2 | – | 18 | – | 3 | – |
| Socioeconomic status | 1 (most disadvantaged) | 550 | 25 (0 – 39) | 546 | 23 (0 – 40) | 561 | 26 (6 – 44) |
| 2 | 478 | 20 (0 – 38) | 503 | 22 (4 – 40) | 538 | 26 (6 – 44) |
| 3 | 487 | 20 (2 – 34) | 485 | 22 (5 – 35) | 504 | 25 (12 – 41) |
| 4 | 434 | 18 (2 – 35) | 482 | 19 (5 – 34) | 456 | 23 (7 – 38) |
| 5 (least disadvantaged) | 390 | 16 (5 – 30) | 425 | 19 (6 – 33) | 423 | 17 (8 – 35) |
| Unknown | 14 | – | 15 | – | 20 | – |
| **Total** |  | **2,353** | **20 (1 – 35)** | **2,456** | **21 (4 – 36)** | **2,502** | **23 (8 – 41)** |

### Table 12.1.3a: Median days (and interquartile range) from diagnosis to start of primary curative treatment (genitourinary) by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- |
| Age < 60 | 980 | 5 (0 – 58) | 942 | 11 (0 – 58) | 918 | 22 (0 – 63) |
| Age 60–69 | 1117 | 42 (0 – 75) | 1,199 | 44 (0 – 77) | 1,278 | 49 (14 – 84) |
| Age 70–79 | 714 | 32 (0 – 80) | 830 | 39 (0 – 84) | 889 | 35 (0 – 79) |
| Age 80+ | 358 | 0 (0 – 30) | 341 | 0 (0 – 28) | 346 | 0 (0 – 27) |
| Female | 365 | 0 (0 – 3) | 371 | 0 (0 – 0) | 337 | 0 (0 – 0) |
| Male | 2,804 | 35 (0 – 71) | 2,941 | 39 (0 – 75) | 3,094 | 40 (0 – 79) |
| Aboriginal Victorian | 13 | 20 (0 – 69) | 12 | 4 (0 – 56) | 17 | 0 (0 – 68) |
| Non–Aboriginal Victorian | 3,156 | 28 (0 – 66) | 3,300 | 33 (0 – 70) | 3,414 | 35 (0 – 75) |
| Language other than English | 656 | 17 (0 – 60) | 703 | 28 (0 – 70) | 685 | 28 (0 – 71) |
| English | 2,265 | 31 (0 – 66) | 2,345 | 34 (0 – 68) | 2,472 | 36 (0 – 74) |

### Table 12.1.3b: Median days (and interquartile range) from diagnosis to start of primary curative treatment (genitourinary) by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remoteness area | Major cities | 2,305 | 28 (0 – 64) | 2,458 | 32 (0 – 66) | 2,537 | 34 (0 – 71) |
| Inner regional | 693 | 30 (0 – 70) | 680 | 36 (0 – 77) | 730 | 40 (0 – 84) |
| Outer regional/remote | 169 | 24 (0 – 83) | 166 | 36 (0 – 81) | 161 | 20 (0 – 72) |
| Unknown | 2 | – | 8 | – | 3 | – |
| Integrated Cancer Service | NEMICS | 785 | 27 (0 – 63) | 854 | 31 (0 – 62) | 873 | 35 (0 – 70) |
| SMICS | 935 | 32 (0 – 65) | 962 | 34 (0 – 67) | 961 | 35 (0 – 72) |
| WCMICS | 582 | 22 (0 – 66) | 599 | 28 (0 – 73) | 645 | 29 (0 – 71) |
| BSWRICS | 194 | 26 (0 – 66) | 183 | 42 (0 – 76) | 232 | 29 (0 – 74) |
| GRICS | 194 | 25 (0 – 66) | 179 | 33 (0 – 68) | 175 | 28 (0 – 75) |
| HRICS | 156 | 11 (0 – 64) | 155 | 28 (0 – 88) | 165 | 50 (0 – 89) |
| LMICS | 210 | 35 (0 – 90) | 227 | 46 (0 – 88) | 224 | 34 (0 – 77) |
| GICS | 111 | 28 (0 – 60) | 138 | 31 (0 – 76) | 147 | 42 (0 – 92) |
| Unknown | 2 | – | 15 | – | 9 | – |
| Socioeconomic status | 1 (most disadvantaged) | 564 | 18 (0 – 73) | 567 | 16 (0 – 70) | 581 | 14 (0 – 81) |
| 2 | 627 | 20 (0 – 70) | 641 | 20 (0 – 75) | 658 | 34 (0 – 76) |
| 3 | 606 | 25 (0 – 62) | 657 | 35 (0 – 75) | 651 | 35 (0 – 74) |
| 4 | 644 | 34 (0 – 66) | 682 | 34 (0 – 69) | 734 | 36 (0 – 71) |
| 5 (least disadvantaged) | 705 | 31 (0 – 63) | 749 | 38 (0 – 62) | 778 | 40 (0 – 72) |
| Unknown | 564 | – | 16 | – | 29 | – |
| **Total** |  | **3,169** | **28 (0 – 66)** | **3,312** | **33 (0 – 70)** | **3,431** | **35 (0 – 75)** |

### Table 12.1.4a: Median days (and interquartile range) from diagnosis to start of primary curative treatment (haematogical) by age, sex, Indigenous status and language spoken at home, 2014–2016

| Population group | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- |
| Age < 60 | 662 | 18 (1 – 37) | 677 | 16 (0 – 36) | 663 | 14 (0 – 30) |
| Age 60–69 | 438 | 20 (5 – 42) | 397 | 23 (7 – 49) | 436 | 20 (5 – 40) |
| Age 70–79 | 389 | 24 (9 – 45) | 384 | 22 (7 – 48) | 446 | 22 (4 – 45) |
| Age 80+ | 229 | 20 (3 – 36) | 253 | 21 (6 – 43) | 258 | 24 (8 – 42) |
| Female | 718 | 21 (3 – 41) | 709 | 21 (4 – 44) | 725 | 20 (1 – 39) |
| Male | 1000 | 19 (3 – 41) | 1002 | 20 (3 – 42) | 1078 | 19 (1 – 38) |
| Aboriginal Victorian | 5 | 23 (21 – 67) | 11 | 10 (0 – 32) | 15 | 26 (10 – 45) |
| Non–Aboriginal Victorian | 1713 | 20 (3 – 41) | 1700 | 20 (3 – 43) | 1788 | 19 (1 – 39) |
| Language other than English | 364 | 21 (3 – 44) | 364 | 20 (1 – 45) | 350 | 19 (2 – 41) |
| English | 1294 | 19 (3 – 38) | 1269 | 20 (5 – 42) | 1325 | 18 (1 – 36) |

### Table 12.1.4b: Median days (and interquartile range) from diagnosis to start of primary curative treatment (haematogical) by remoteness area, Integrated Cancers Service and SES, 2014–2016

| Population group | Subgroup | 2014  Total Patients | 2014  Median (IQR) | 2015  Total Patients | 2015  Median (IQR) | 2016  Total Patients | 2016  Median (IQR) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remoteness area | Major cities | 1,268 | 19 (3 – 38) | 1,252 | 20 (2 – 41) | 1,297 | 19 (1 – 37) |
| Inner regional | 352 | 26 (7 – 45) | 364 | 24 (5 – 48) | 403 | 21 (1 – 42) |
| Outer regional/remote | 95 | 16 (0 – 42) | 84 | 19 (0 – 42) | 95 | 19 (3 – 40) |
| Unknown | 3 | – | 11 | – | 8 | – |
| Integrated Cancer Service | NEMICS | 426 | 18 (1 – 35) | 434 | 16 (0 – 36) | 399 | 19 (5 – 36) |
| SMICS | 464 | 19 (3 – 36) | 475 | 22 (7 – 43) | 528 | 18 (1 – 36) |
| WCMICS | 342 | 22 (5 – 41) | 299 | 19 (2 – 40) | 345 | 19 (1 – 38) |
| BSWRICS | 144 | 21 (4 – 42) | 128 | 20 (6 – 50) | 140 | 20 (0 – 36) |
| GRICS | 91 | 29 (13 – 48) | 94 | 32 (5 – 53) | 96 | 36 (9 – 52) |
| HRICS | 63 | 25 (1 – 46) | 85 | 16 (3 – 44) | 80 | 17 (0 – 42) |
| LMICS | 107 | 21 (2 – 46) | 96 | 26 (2 – 49) | 121 | 19 (1 – 42) |
| GICS | 78 | 20 (2 – 42) | 88 | 22 (8 – 36) | 88 | 16 (0 – 35) |
| Unknown | 3 | – | 12 | – | 6 | – |
| Socioeconomic status | 1 (most disadvantaged) | 346 | 21 (2 – 47) | 304 | 19 (0 – 41) | 335 | 21 (2 – 42) |
| 2 | 337 | 23 (4 – 41) | 354 | 20 (1 – 44) | 351 | 22 (4 – 42) |
| 3 | 355 | 20 (1 – 40) | 320 | 21 (4 – 41) | 378 | 19 (1 – 38) |
| 4 | 323 | 18 (1 – 37) | 347 | 20 (4 – 44) | 366 | 16 (0 – 34) |
| 5 (least disadvantaged) | 347 | 20 (6 – 36) | 379 | 22 (8 – 43) | 352 | 18 (2 – 36) |
| Unknown | 10 | – | 7 | – | 21 | – |
| **Total** |  | **1,718** | **20 (3 – 41)** | **1,711** | **20 (3 – 43)** | **1,803** | **19 (1 – 39)** |

## Measure 12.4 – Proportion of patients with non–metastatic lung, breast, rectal and oesophageal cancers receiving radical radiotherapy as part of their primary treatment

### Table 12.4: Proportion of patients with non–metastatic lung cancer receiving radical radiotherapy as part of their primary treatment, by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Age | < 60 | [51/183] (27.9) | [42/183] (23.0) | [59/215] (27.4) |
| 60–69 | [85/362] (23.5) | [88/353] (24.9) | [81/355] (22.8) |
| 70–79 | [108/486] (22.2) | [112/502] (22.3) | [137/531] (25.8) |
| 80+ | [48/404] (11.9) | [67/391] (17.1) | [77/417 (18.5) |
| Sex | Female | [119/611] (19.5) | [138/633] (21.8) | [146/716] (20.5) |
| Male | [173/824] (21.0) | [171/796] (21.5) | [208/802] (25.9) |
| Indigenous status | Aboriginal Victorian | [3/11] (27.3) | [5/12] (41.7) | [5/14] (35.7) |
| Non–Aboriginal Victorian | [289/1,424] (20.3) | [304/1,417] (21.5) | [349/1,504] (23.2) |
| Language spoken at home | Language other than English | [78/359] (21.7) | [76/383] (19.8) | [97/374] (25.9) |
| English | [205/1,035] (19.8) | [217/994] (21.8) | [229/1,048] (21.9) |
| Unknown | 9 | 16 | 28 |
| Remoteness | Major cities | [205/953] (21.5) | [215/944] (22.8) | [258/1,061] (24.3) |
| Inner regional | [72/357] (20.2) | [68/334] (20.4) | [79/369] (21.4) |
| Outer regional/remote | [14/102] (13.7) | [19/96] (19.8) | [16/85] (18.8) |
| Unknown | 1 | 7 | 1 |
| Socioeconomic status | 1 (most disadvantaged) | [101/481] (21.0) | [86/404] (21.3) | [100/420] (23.8) |
| 2 | [54/340] (15.9) | [78/310] (25.2) | [87/353] (24.7) |
| 3 | [69/251] (27.5) | [62/276] (22.5) | [79/290] (27.2) |
| 4 | [35/178] (19.7) | [46/229] (20.1) | [49/243] (20.2) |
| 5 (least disadvantaged) | [32/172] (18.6) | [36/199] (18.1) | [37/197] (18.8) |
| Unknown | 1 | 1 | 2 |
| Integrated Cancer Service | NEMICS | [62/265] (23.4) | [55/293] (18.8) | [81/335] (24.2) |
| SMICS | [70/361] (19.4) | [90/368] (24.5) | [99/399] (24.8) |
| WCMICS | [69/286] (24.1) | [63/246] (25.6) | [76/287] (26.5) |
| BSWRICS | [15/128] (11.7) | [17/108] (15.7) | [21/119] (17.7) |
| GRICS | [27/112] (24.1) | [26/88] (29.6) | [28/115] (24.4) |
| HRICS | [23/99] (23.2) | [11/91] (12.1) | [23/104] (22.1) |
| LMICS | [18/94] (19.2) | [26/102] (25.5) | [16/92] (17.4) |
| GICS | [7/67] (10.5) | [13/76] (17.1) | [7/59] (11.9) |
| Unknown | 1 | 8 | 3 |
| **Total** |  | **[292/1,435] (20.4)** | **[309/1,429] (21.6)** | **[354/1,518] (23.3)** |

*Note: For the purpose of this measure metastatic cases were excluded from the denominator. Metastatic cases are defined as stage IV cancer as determined by VCR TNM–M (M1) and admitted episodes in the VAED, between 30 days prior and four months after diagnosis date, which contained metastatic cancer diagnosis codes (neoplasm and morphology codes).*

### Table 12.4.1: Proportion of patients with non–metastatic breast cancer receiving radical radiotherapy as part of their primary treatment by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Age | < 60 | [1,295/1,819] (71.2) | [1,227/1,775] (69.1) | [1,357/1,924] (70.5) |
| 60–69 | [773/1,086] (71.2) | [797/1,121] (71.1) | [746/1,044] (71.5) |
| 70–79 | [395/662] (59.7) | [478/756] (63.2) | [459/744] (61.7) |
| 80+ | [88/447] (19.7) | [99/418] (23.7) | [109/425] (25.7) |
| Sex | Female | [2,551/4,014] (63.6) | [2,601/4,070 (63.9) | [2,671/4,137] (64.6) |
| Male | 0/0 (0) | 0/0 (0) | 0/0 (0) |
| Indigenous status | Aboriginal Victorian | [13/21] (61.9) | [21/32] (65.6) | [21/31] (67.7) |
| Non–Aboriginal Victorian | [2,538/3,993] (63.6) | [2,580/4,038] (63.9) | [2,650/4,106] (64.5) |
| Language spoken at home | Language other than English | [545/856] (63.7) | [528/863] (61.1) | [512/806] (63.5) |
| English | [1,891/2,916] (64.9) | [2,000/3,008] (66.5) | [1,974/2,919] (67.6) |
| Unknown | 115 | 73 | 185 |
| Remoteness | Major cities | [1,879/2,957] (63.5) | [1,907/2,955] (64.5) | [1,980/3,050] (64.9) |
| Inner regional | [542/821] (66.0) | [565/889] (63.6) | [540/851] (63.5) |
| Outer regional/remote | [130/224] (58.0) | [117/194] (60.3) | [144/225] (64.0) |
| Unknown | 0 | 12 | 7 |
| Socioeconomic status | 1 (most disadvantaged) | [421/736] (57.2) | [429/721] (59.5) | [439/742] (59.2) |
| 2 | [472/772] (61.1) | [474/751] (63.1) | [496/804] (61.7) |
| 3 | [533/770] (69.2) | [538/819] (65.7) | [496/772] (64.3) |
| 4 | [544/860] (63.3) | [562/851] (66.0) | [578/838] (60.0) |
| 5 (least disadvantaged) | [566/854] (66.3) | [585/905] (64.6) | [642/944] (68.0) |
| Unknown | 15 | 13 | 20 |
| Integrated Cancer Service | NEMICS | [670/1,046] (64.1) | [682/1,024] (66.6) | [701/1,044] (67.2) |
| SMICS | [701/1,060] (66.1) | [721/1,102] (65.4) | [772/1,165] (66.3) |
| WCMICS | [459/770] (59.6) | [456/757] (60.2) | [457/759] (60.2) |
| BSWRICS | [196/292] (67.1) | [181/278] (65.1) | [192/287] (66.9) |
| GRICS | [150/211] (71.1) | [150/225] (66.7) | [160/238] (67.2) |
| HRICS | [149/235] (63.4) | [142/233] (60.9) | [127/207] (61.4) |
| LMICS | 142/244] (58.2) | [146/244] (59.8) | [160/254] (63.0) |
| GICS | [84/144] (58.3) | [105/167] (62.9) | [94/168] (56.0) |
| Unknown | 0 | 18 | 8 |
| **Total** |  | **[2,551/4,014] (63.6)** | **[2,601/4,070] (63.9)** | **[2,671/4,137] (64.6)** |

### Table 12.4.2: Proportion of patients with non–metastatic colorectal cancer receiving radical radiotherapy as part of their primary treatment, by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Age | < 60 | [99/234] (42.3) | [111/246] (45.1) | [122/267] (45.7) |
| 60–69 | [77/225] (34.2) | [88/224] (39.3) | [86/223] (38.6) |
| 70–79 | [73/190] (38.4) | [85/212] (40.1) | [105/262] (40.1) |
| 80+ | [39/147] (26.5) | [50/158] (31.7) | [46/153] (30.1) |
| Sex | Female | [114/311] (36.7) | [106/305] (34.8) | [112/333] (33.6) |
| Male | [174/485] (35.9) | [228/535] (42.6) | [247/572] (43.2) |
| Indigenous status | Aboriginal Victorian | [2/5] (40.0) | [4/4] (100.0) | [3/8] (37.5) |
| Non–Aboriginal Victorian | [286/791] (36.2) | [330/836] (39.5) | [356/897] (39.7) |
| Language spoken at home | Language other than English | [71/200] (35.5) | [85/200] (42.5) | [84/207] (40.6) |
| English | [211/547] (38.6) | 234/563] (41.6) | 248/610] (40.7) |
| Unknown | 6 | 15 | 27 |
| Remoteness | Major cities | [205/537] (38.2) | [233/583] (40.0) | [235/615] (38.2) |
| Inner regional | [62/193] (32.1) | [75/200] (37.5) | [100/234] (42.7) |
| Outer regional/remote | [21/65] (32.3) | [21/46] (45.7) | [24/54] (44.4) |
| Unknown | 0 | 5 | 0 |
| Socioeconomic status | 1 (most disadvantaged) | [69/195] (35.4) | [61/150] (40.7) | [84/195] (43.1) |
| 2 | [57/156] (36.5) | [70/184] (38.0) | [79/181] (43.7) |
| 3 | [59/164] (36.0) | [62/172] (36.1) | [72/183] (39.3) |
| 4 | [53/155] (34.2) | [75/168] (44.6) | [67/181] (37.0) |
| 5 (least disadvantaged) | [50/122] (41.0) | [62/160] (38.8) | [56/161] (34.8) |
| Unknown | 0 | 4 | 1 |
| Integrated Cancer Service | NEMICS | [71/206] (34.5) | [84/214] (39.3) | [84/227 (37.0) |
| SMICS | [81/195] (41.5) | [74/208] (35.6) | [74/210 (35.2) |
| WCMICS | [49/129] (38.0) | [66/143] (46.2) | [66/164] (40.2) |
| BSWRICS | [19/63] (30.2) | [18/50] (36.0) | [34/72] (47.2) |
| GRICS | [11/47] (23.4) | [21/47] (44.7) | [33/68] (48.5) |
| HRICS | [23/57] (40.4) | [30/50] (60.0) | [25/51] (49.0) |
| LMICS | [29/59] (49.2) | [20/57] (35.1) | [27/53] (50.9) |
| GICS | [5/39] (12.8) | [14/58] (24.1) | [15/57] (26.3) |
| Unknown | 0 | 7 | 1 |
| **Total** |  | **[288/796] (36.2)** | **[334/840] (39.8)** | **[359/905] (39.7)** |

### Table 12.4.3: Proportion of patients with non–metastatic oesophageal cancer receiving radical radiotherapy as part of their primary treatment, by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%) | 2015  [n/N] (%) | 2016  [n/N] (%) |
| --- | --- | --- | --- | --- |
| Age | < 60 | [17/39] (43.6) | [15/40] (37.5) | [14/40] (35.0) |
| 60–69 | [27/64] (42.2) | [31/66] (47.0) | [34/62] (54.8) |
| 70–79 | [20/61] (32.8) | [33/75] (44.0) | [35/76] (46.1) |
| 80+ | [15/79] (19.0) | [13/68] (19.1) | [19/79] (24.1) |
| Sex | Female | [35/91] (38.5) | [26/88] (29.6) | [32/81] (39.5) |
| Male | [44/152] (29.0) | [66/161] (41.0) | [70/176] (39.8) |
| Indigenous status | Aboriginal Victorian | [0/0] (0) | [1/3] (33.3) | [0/1] (0) |
| Non–Aboriginal Victorian | [79/243] (32.5) | [91/246] (37.0) | [102/256] (39.8) |
| Language spoken at home | Language other than English | [13/39] (33.3) | [17/39] (43.6) | [14/28] (50.0) |
| English | [65/198] (32.8) | [75/206] (36.4) | [87/218] (39.9) |
| Unknown | 1 | 0 | 1 |
| Remoteness | Major cities | [62/174] (35.6) | [64/164] (39.0) | [71/178] (39.9) |
| Inner regional | [14/51] (27.5) | [21/62] (33.9) | [26/66] (39.4) |
| Outer regional/remote | [3/14] (21.4) | [6/19] (31.6) | [4/11] (36.4) |
| Unknown | 0 | 1 | 1 |
| Socioeconomic status | 1 (most disadvantaged) | [23/63] (36.5) | [24/65] (36.9) | [24/60] (40.0) |
| 2 | [12/48] (25.0) | [21/56] (37.5) | [13/42] (31.0) |
| 3 | [14/47] (29.8) | [17/41] (41.5) | [20/49] (40.8) |
| 4 | [12/45] (26.7) | [17/42] (40.5) | [20/50] (40.0) |
| 5 (least disadvantaged) | [17/37] (46.0) | [12/42] (28.6) | [21/49] (42.9) |
| Unknown | 1 | 1 | 4 |
| Integrated Cancer Service | NEMICS | [21/61] (34.4) | [18/57] (31.6) | [22/56] (39.3) |
| SMICS | [22/70] (31.4) | [25/70] (35.7) | [27/78] (34.6) |
| WCMICS | [15/32] (46.9) | [17/33] (51.5) | [18/37] (48.7) |
| BSWRICS | [5/18] (27.8) | [11/19] (57.9) | [13/24] (54.2) |
| GRICS | [2/8] (25.0) | [8/19] (42.1) | [3/11] (27.3) |
| HRICS | [9/15] (60.0) | [7/15] (46.7) | [5/17] (29.4) |
| LMICS | [3/19] (15.8) | [1/14] (7.1) | [11/24] (45.8) |
| GICS | [2/16] (12.5) | [4/18] (22.2) | [2/7] (28.6) |
| Unknown | 0 | 1 | 1 |
| **Total** |  | **[79/243] (32.5)** | **[92/249] (37.0)** | **[102/257] (39.7)** |

## Measure 12.5 – Proportion of patients receiving systemic anti–cancer therapy within recommended timelines and where appropriate

### Table 12.5: Proportion of patients (overall) receiving systemic anti–cancer therapy within recommended timelines by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, Victoria, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%)  All | 2014  [n/N] (%)  Surgery first | 2014  [n/N] (%)  Chemo first | 2015  [n/N] (%)  All | 2015  [n/N] (%)  Surgery first | 2015  [n/N] (%)  Chemo first | 2016  [n/N] (%)  All | 2016  [n/N] (%)  Surgery first | 2016  [n/N] (%)  Chemo first |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Age | < 60 | [839/1,968] (42.6) | [487/1,290]  (37.8) | [352/678] (51.9) | [745/1,773] (42.0) | [425/1,132] (37.5) | [320/641] (49.9) | [802/1,874] (42.8) | 451/1,143]  (39.5) | 351/731 (48.0) |
| 60–69 | [531/1222] (43.5) | [327/709] (46.1) | [204/513 (39.8) | [473/1,190] (39.6) | [272/669] (40.7) | [201/521] (38.6) | [526/1,174] (44.8) | [295/633] (46.6) | [231/541] (42.7) |
| 70–79 | [346/888] (39.0) | [199/432] (46.1) | [147/456] (32.2) | [361/871] (41.5) | [206/437] (47.1) | [155/434] (35.7) | [361/939] (38.5) | [198/441] (44.9) | [163/498] (32.7) |
| 80+ | 87/224 (38.8) | 27/70 (38.6) | 60/154 (39.0) | 80/214 (37.4) | 28/65 (43.1) | 52/149 (34.9) | 89/230 (38.7) | 25/73 (34.3) | 64/157 (40.8) |
| Sex | Female | [1,197/3,027] (39.5) | [685/1,976] (34.7) | [512/1,051] (48.7) | [1,110/2,863] (38.8) | [595/1,824] (32.6) | [515/1,039] (49.6) | [1,211/2,968] (40.8) | [635/1,801] (35.3) | [576/1,167] (49.4) |
| Male | [606/1,275] (47.5) | [355/525] (67.6) | [251/750] (33.5) | [549/1,185] (46.3) | [336/479] (70.2) | [213/706] (30.2) | [567/1,249] (45.4) | [334/489] (68.3) | [233/760] (30.7) |
| Indigenous status | Aboriginal Victorian | [17/34] (50.0) | [8/18] (44.4) | [9/16] (56.3) | [11/36] (30.6) | [5/17] (29.4) | [6/19] (31.6) | [6/32] (18.8) | [3/15] (20.0) | [3/17] (17.7) |
| Non–Aboriginal Victorian | [1,786/4,268] (41.9) | [1,032/2,483] (41.6) | [754/1,785] (42.2) | [1,648/4,012] (41.1) | [926/2,286] (40.5) | [722/1,726] (41.8) | [1,772/4,185] (42.3) | [966/2,275] (42.5) | [806/1,910] (42.2) |
| Language spoken at home | Language other than English | [388/976] (39.8) | [216/539] (40.1) | [172/437] (39.3) | [382/967] (39.5) | [213/509] (41.9) | [169/458] (36.9) | [357/906] (39.4) | [190/474] (40.1) | [167/432] (38.7) |
| English | [1,369/3,215] (42.6) | [794/1,888] (42.1) | [575/1,327] (43.3) | [1,222/2,973] (41.1) | [688/1,734] (39.7) | [534/1,239] (43.1) | [1,331/3,082] (43.2) | [741/1,700] (43.6) | [590/1,382] (42.7) |
| Unknown | 46 | 30 | 16 | 55 | 30 | 25 | 90 | 38 | 52 |
| Remoteness | Major cities | [1,335/3,053] (44.4) | [767/1,780] (43) | [588/1,273] (45.6) | [1,217/2,813] (43.3) | [664/1,576] (42.1) | [553/1,237] (44.7) | [1,316/2,992] (44.0) | [696/1,636] (42.5) | [620/1,356] (45.7) |
| Inner regional | [362/973] (37.2) | [223/565] (39.5) | [139/408] (34.1) | [335/951] (35.2) | [200/563] (35.5) | [135/388] (34.8) | [365/970] (37.6) | [217/512] (43.4) | [148/458] (32.3) |
| Outer regional/remote | [84/269] (31.2) | [48/153] (31.4) | [36/116] (31.0) | [95/253] (37.6) | [61/153] (39.9) | [34/100] (34) | [93/247] (37.7) | [53/137] (38.7) | [40/110] (36.4) |
| Socioeconomic status | 1 (most disadvantaged) | [342/947] (36.1) | [187/499] (37.5) | [155/448] (34.6) | [328/858] (38.2) | [169/448] (37.7) | [159/410] (38.8) | [293/832] (35.2) | [154/426] (36.2) | [139/406] (34.2) |
| 2 | [327/861] (38) | [171/478] (35.8) | [156/383] (40.7) | [305/827] (36.9) | [170/431] (39.4) | [135/396] (34.1) | [348/882] (39.5) | [200/476] (42) | [148/406] (36.5) |
| 3 | [353/826] (42.7) | [199/468] (42.5) | [154/358] (43) | [339/817] (41.5) | [187/465] (40.2) | [152/352] (43.2) | [353/812] (43.5) | [201/450] (44.7) | [152/362] (42) |
| 4 | [380/844] (45) | [234/533] (43.9) | [146/311] (47) | [331/756] (43.8) | [197/474] (41.6) | [134/282] (47.5) | [373/840] (44.4) | [192/448] (42.9) | [181/392] (46.2) |
| 5 (least disadvantaged) | [368/767] (48) | [240/502] (47.8) | [128/265] (48.3) | [338/740] (45.7) | [202/472] (42.8) | [136/268] (50.8) | [389/784] (49.6) | [212/470] (45.1) | [177/314] (56.4) |
| Integrated Cancer Service | NEMICS | [433/1016] (42.6) | [243/594] (40.9) | [190/422] (45) | [412/936] (44) | [228/548] (41.6) | [184/388] (47.4) | [474/1016] (46.7) | [251/567] (44.3) | [223/449] (49.7) |
| SMICS | [512/1086] (47.2) | [300/633] (47.4) | [212/453] (46.8) | [461/1038 (44.4) | [250/592] (42.2) | [211/446] (47.3) | [482/1112] (43.4) | [238/603] (39.5) | [244/509] (47.9) |
| WCMICS | [358/854] (41.9) | [206/514] (40.1) | [152/340] (44.7) | [308/754] (40.9) | [164/398] (41.2) | [144/356] (40.5) | [334/793] (42.1) | [188/425] (44.2) | [146/368] (39.7) |
| BSWRICS | [123/278] (44.2) | [66/156] (42.3) | [57/122] (46.7) | [109/260] (41.9) | [60/144] (41.7) | [49/116] (42.2) | [121/253] (47.8) | [71/149] (47.7) | [50/104] (48.1) |
| GRICS | [95/284] (33.5) | [61/162] (37.7) | [34/122] (27.9) | [100/287] (34.8) | [57/165] (34.6) | [43/122] (35.3) | [102/286] (35.7) | [64/153] (41.8) | [38/133] (28.6) |
| HRICS | [68/225] (30.2) | [35/105] (33.3) | [33/120] (27.5) | [55/210] (26.2) | [32/108] (29.6) | [23/102] (22.6) | [73/188] (38.8) | [43/91] (47.3) | [30/97] (30.9) |
| LMICS | [93/286] (32.5) | [64/177] (36.2) | [29/109] (26.6) | [99/275] (36) | [72/180] (40) | [27/95] (28.4) | [90/283] (31.8) | [56/164] (34.2) | [34/119] (28.6) |
| GICS | [95/230] (41.3) | [58/149] (38.9) | [37/81] (45.7) | [85/217] (39.2) | [54/146] (37) | [31/71] (43.7) | [86/232] (37.1) | [54/129] (41.9) | [32/103] (31.1) |
| **Total** | | **[1,803/4,302] (41.9)** | **[1,040/2,501] (41.6)** | **[763/1,801] (42.4)** | **[1,659/4,048] (41.0)** | **[931/2,303] (40.4)** | **[728/1,745] (41.7)** | **[1,778/4,217] (42.2)** | **[969/2,290] (42.3)** | **[809/1,927] (42.0)** |

### Table 12.5.1: Proportion of lung cancer patients receiving systemic anti–cancer therapy within recommended timelines by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, Victoria, 2014–2016

| Population group | Subgroup | | 2014  [n/N] (%)  All | 2014  [n/N] (%)  Surgery first | 2014  [n/N] (%)  Chemo first | 2015  [n/N] (%)  All | 2015  [n/N] (%)  Surgery first | 2015  [n/N] (%)  Chemo first | 2016  [n/N] (%)  All | 2016  [n/N] (%)  Surgery first | 2016  [n/N] (%)  Chemo first |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Age | < 60 | | [113/248] (45.6) | [30/46] (65.2) | [83/202] (41.1) | [91/205] (44.4) | [27/36] (75.0) | [64/169] (37.9) | [100/245] (40.8) | [44/59] (74.6) | [56/186] (30.1) |
| 60–69 | | [172/354] (48.6) | [49/72] (68.1) | [123/282] (43.6) | [135/326] (41.4) | [41/65] (63.1) | [94/261] (36.0) | [160/370] (43.2) | [57/77] (74.0) | [103/293] (35.2) |
| 70–79 | | [125/326] (38.3) | [35/50] (70.0) | [90/276] (32.6) | [117/312] (37.5) | [40/58] (69.0) | [77/254] (30.3) | [147/385] (38.2) | 47/70] (67.1) | [100/315] (31.6) |
| 80+ | | [36/80] (45.0) | [5/10] (50.0) | [31/70] (44.3) | [34/81] (42.0) | [5/9] (55.6) | [29/72] (40.3) | [43/107] (40.2) | 5/10] (50.0) | [38/97] (39.2) |
| Sex | Female | | [195/435] (44.8) | [55/77] (71.4) | [140/358] (39.1) | [175/409] (42.8) | [53/78] (68.0) | [122/331] (36.9) | [199/469] (42.4) | [75/103] (72.8) | [124/366] (33.9) |
| Male | | [251/573] (43.8) | [64/101] (63.4) | [187/472] (39.6) | [202/515] (39.2) | [60/90] (66.7) | [142/425] (33.4) | [251/638] (39.3) | [78/113] (69.0) | [173/525] (33.0) |
| Indigenous status | Aboriginal Victorian | | [7/11] (63.6) | [2/2] (100.0) | [5/9] (55.6) | [6/16] (37.5) | [0/0] (0) | [6/16] (37.5) | [0/10] (0.0) | [0/2] (0.0) | [0/8] (0.0) |
| Non–Aboriginal Victorian | | [439/997] (44.0) | [117/176] (66.5) | [322/821] (39.2) | [371/908] (40.8) | [113/168] (67.3) | [258/740] (34.9) | [450/1097] (41.0) | [153/214] (71.5) | [297/883] (33.6) |
| Language spoken at home | Language other than English | | [104/241] (43.2) | [20/35] (57.1) | [84/206] (40.8) | [104/262] (39.7) | [35/50] (70.0) | [69/212] (32.6) | [107/279] (38.4) | [31/51] (60.8) | [76/228] (33.3) |
| English | | [340/760] (44.7) | [98/141] (69.5) | [242/619] (39.1) | [266/651] (40.8) | [77/117] (65.8) | [189/534] (35.4) | [334/796] (42.0) | [119/157] (75.8) | [215/639] (33.7) |
| Unknown | | 2 | 1 | 1 | 7 | 1 | 6 | 9 | 3 | 6 |
| Remoteness | Major cities | | [322/680] (47.4) | [82/118] (69.5) | [240/562] (42.7) | [284/649] (43.8) | [83/121] (68.6) | [201/528] (38.1) | [313/757] (41.4) | [97/146] (66.4) | [216/611] (35.4) |
| Inner regional | | [94/247] (38.1) | [29/47] (61.7) | [65/200] (32.5) | [69/204] (33.8) | [24/36] (66.7) | [45/168] (26.8) | [109/271] (40.2) | [45/53] (84.9) | [64/218] (29.4) |
| Outer regional/remote | | [30/76] (39.5) | [8/12] (66.7) | [22/64] (34.4) | [22/63] (34.9) | [5/10] (50.0) | [17/53] (32.1) | [27/77] (35.1) | [10/16] (62.5) | [17/61] (27.9) |
| Socioeconomic status | 1 (most disadvantaged) | | [117/296] (39.5) | [30/41] (73.2) | [87/255] (34.1) | [108/267] (40.5) | [32/44] (72.7) | [76/223] (34.1) | [94/269] (34.9) | [32/51] (62.8) | [62/218] (28.4) |
| 2 | | [97/227] (42.7) | [25/41] (61.0) | [72/186] (38.7) | [75/222] (33.8) | [20/31] (64.5) | [55/191] (28.8) | [101/256] (39.5) | [39/51] (76.5) | [62/205] (30.2) |
| 3 | | [95/203] (46.8) | [24/36] (66.7) | [71/167] (42.5) | [74/175] (42.3) | [24/30] (80.0) | [50/145] (34.5) | [102/240] (42.5) | [40/54] (74.1) | [62/186] (33.3) |
| 4 | | [68/148] (46.0) | [20/32] (62.5) | [48/116] (41.4) | [61/134] (45.5) | [18/29] (62.1) | [43/105] (41.0) | [75/185] (40.5) | [22/34] (64.7) | [53/151] (35.1) |
| 5 (least disadvantaged) | | [66/130] (50.8) | [19/27] (70.4) | [47/103] (45.6) | [58/123] (47.2) | [18/32] (56.3) | [40/91] (44.0) | [76/152] (50.0) | [19/25] (76.0) | [57/127] (44.9) |
| Integrated Cancer Service | NEMICS | | [111/223] (49.8) | [30/45] (66.7) | [81/178] (45.5) | [98/205] (47.8) | [29/45] (64.4) | [69/160] (43.1) | [131/271] (48.3) | [38/53] (71.7) | [93/218] (42.7) |
| SMICS | | [122/251] (48.6) | [32/45] (71.1) | [90/206] (43.7) | [102/239] (42.7) | [28/43] (65.1) | [74/196] (37.8) | [98/271] (36.2) | [29/51] (56.9) | [69/220] (31.4) |
| WCMICS | | [88/191] (46.1) | [22/30] (73.3) | [66/161] (41.0) | [84/188] (44.7) | [25/31] (80.7) | [59/157] (37.6) | [84/215] (39.1) | [30/40] (75.0) | [54/175] (30.9) |
| BSWRICS | | [29/72] (40.3) | [8/16] (50.0) | [21/56] (37.5) | [17/65] (26.2) | [3/6] (50.0) | [14/59] (23.7) | [32/64] (50.0) | [11/13] (84.6) | [21/51] (41.2) |
| GRICS | | [33/89] (37.1) | [13/17] (76.5) | [20/72] (27.8) | [19/67] (28.4) | [7/14] (50.0) | [12/53] (22.6) | [33/80] (41.3) | [13/21] (61.9) | [20/59] (33.9) |
| HRICS | | [23/60] (38.3) | [5/10] (50.0) | [18/50] (36.0) | [17/42] (40.5) | [6/9] (66.7) | [11/33] (33.3) | [19/55] (34.6) | [11/13] (84.6) | [8/42] (19.1) |
| LMICS | | [18/64] (28.1) | [5/7] (71.4) | [13/57] (22.8) | [21/69] (30.4) | [9/14] (64.3) | [12/55] (21.8) | [25/74] (33.8) | [13/16] (81.3) | [12/58] (20.7) |
| GICS | | [22/53] (41.5) | [4/7] (57.1) | [18/46] (39.1) | [17/41] (41.5) | [5/5] (100.0) | [12/36] (33.3) | [28/74] (37.8) | [8/9] (88.9) | [20/65] (30.8) |
| **Total** | |  | **[446/1,008] (44.3)** | **[119/178] (66.9)** | **[327/830] (39.4)** | **[377/924] (40.8)** | **[113/168] (67.3)** | **[264/756] (34.9)** | **[450/1,107] (40.7)** | **[153/216] (70.8)** | **[297/891] (33.3)** |

### Table 12.5.2: Proportion of breast cancer patients receiving systemic anti–cancer therapy within recommended timelines by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, Victoria, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%)  All | 2014  [n/N] (%)  Surgery first | 2014  [n/N] (%)  Chemo first | 2015  [n/N] (%)  All | 2015  [n/N] (%)  Surgery first | 2015  [n/N] (%)  Chemo first | 2016  [n/N] (%)  All | 2016  [n/N] (%)  Surgery first | 2016  [n/N] (%)  Chemo first |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Age | < 60 | [412/1,165] (35.4) | [199/858] (23.2) | [213/307] (69.4) | [383/1,118] (34.3) | [185/808] (22.9) | [198/310] (63.9) | [439/1,167] (37.6) | [184/772] (23.8) | [255/395] (64.6) |
| 60–69 | [117/439] (26.7) | [76/346] (22.0) | [41/93] (44.1) | [126/451] (27.9) | [67/343] (19.5) | [59/108] (54.6) | [141/416] (33.9) | [67/304] (22.0) | [74/112] (66.1) |
| 70–79 | [47/195] (24.1) | [28/147] (19.1) | [19/48] (39.6) | [54/213] (25.4) | [24/157] (15.3) | [30/56] (53.6) | [46/215] (21.4) | [20/162] (12.4) | [26/53] (49.1) |
| 80+ | [6/32] (18.6) | [0/19] (0.0) | [6/13] (46.2) | [3/24] (12.5) | [0/10] (0.0) | [3/14] (21.4) | [8/31] (25.8) | [2/23] (8.7) | [6/8] (75.0) |
| Sex | Female | [579/1,816] (31.9) | [302/1,359] (22.2) | [277/457] (60.6) | [562/1,792] (31.4) | [273/1,307] (20.9) | [289/485] (59.6) | [632/1,814] (34.8) | [273/1,252] (21.8) | [359/562] (63.9) |
| Male | [3/15] (20.0) | [1/11] (9.1) | [2/4] (50.0) | [4/14] (28.6) | [3/11] (27.3) | [1/3] (33.3) | [2/15] (13.3) | [0/9] (0.0) | [2/6] (33.3) |
| Indigenous status | Aboriginal Victorian | [5/12] (41.7) | [3/10] (30.0) | [2/2] (100.0) | [1/11] (9.1) | [1/10] (10.0) | [0/1] (0.0) | [2/14] (14.3) | [1/10] (10.0) | [1/4] (25.0) |
| Non–Aboriginal Victorian | [577/1,819] (31.7) | [300/1,360] (22.1) | [277/459] (60.4) | [565/1,795] (31.5) | [275/1,308] (21.0) | [290/487] (59.6) | [632/1,815] (34.8) | [272/1,251] (21.7) | [360/564] (63.8) |
| Language spoken at home | Language other than English | [129/393] (32.8) | [71/290] (24.5) | [58/103] (56.3) | [111/368] (30.2) | [59/277] (21.3) | [52/91] (57.1) | [114/357] (31.9) | [54/253] (21.3) | [60/104] (57.7) |
| English | [423/1,370] (30.9) | [216/1,031] (21.0) | [207/339] (61.1) | [428/1,387] (30.8) | [206/1,015] (20.3) | [222/372] (59.7) | [473/1,338] (35.4) | [208/937] (22.2) | [265/401] (66.1) |
| Unknown | 30 | 16 | 14 | 27 | 11 | 16 | 47 | 11 | 36 |
| Remoteness | Major cities | [486/1,337] (36.4) | [262/1,011] (25.9) | [224/326] (68.7) | [442/1,269] (34.8) | [219/921] (23.8) | [223/348] (64.1) | [500/1,350] (37.0) | [209/916] (22.8) | [291/434] (67.1) |
| Inner regional | [82/401] (20.5) | [37/289] (12.8) | [45/112] (40.2) | [101/438] (23.1) | [46/324] (14.2) | [55/114] (48.3) | [103/383] (26.9) | [51/276] (18.5) | [52/107] (48.6) |
| Outer regional/remote | [14/93] (15.1) | [4/70] (5.7) | [10/23] (43.5) | [20/92] (21.7) | [10/71] (14.1) | [10/21] (47.6) | [28/90] (31.1) | [11/65] (16.9) | [17/25] (68.0) |
| Socioeconomic status | 1 (most disadvantaged) | [80/324] (24.7) | [36/238] (15.1) | [44/86] (51.2) | [79/309] (25.6) | [26/219] (11.9) | [53/90] (58.9) | [81/304] (26.6) | [24/210] (11.4) | [57/94] (60.7) |
| 2 | [104/371] (28.0) | [45/269] (16.7) | [59/102] (57.8) | [88/321] (27.4) | [45/235] (19.2) | [43/86] (50.0) | [111/358] (31.0) | [55/255] (21.6) | [56/103] (54.4) |
| 3 | [102/344] (29.6) | [52/250] (20.8) | [50/94] (53.2) | [125/392] (31.9) | [56/274] (20.4) | [69/118] (58.5) | [118/338] (34.9) | [52/240] (21.7) | [66/98] (67.4) |
| 4 | [136/397] (34.4) | [73/301] (24.3) | [63/96] (65.6) | [128/381] (33.6) | [73/292] (25.0) | [55/89] (61.8) | [154/403] (38.2) | [57/247] (23.1) | [97/156] (62.2) |
| 5 (least disadvantaged) | [155/384] (40.4) | [95/304] (31.3) | [60/80] (75.0) | [145/396] (36.6) | [76/292] (26.0) | [69/104] (66.4) | [165/411] (40.2) | [81/298] (27.2) | [84/113] (74.3) |
| Integrated Cancer Service | NEMICS | [150/455] (33.0) | [86/357] (24.1) | [64/98] (65.3) | [158/452] (35.0) | [90/349] (25.8) | [68/103] (66.0) | [178/475] (37.5) | [94/348] (27.0) | [[84/127] (66.1) |
| SMICS | [192/471] (40.7) | [103/346] (29.8) | [89/125] (71.2) | [171/484] (35.3) | [69/331] (20.9) | [102/153] (66.7) | [202/533] (37.9) | [69/337] (20.5) | 133/196] (67.9) |
| WCMICS | [122/374] (32.6) | [67/295] (22.7) | [55/79] (69.6) | [100/313] (32.0) | [51/227] (22.5) | [49/86] (57.0) | [121/335] (36.1) | [51/229] (22.3) | [70/106] (66.0) |
| BSWRICS | [48/127] (37.8) | [16/74] (21.6) | [32/53] (60.4) | [46/112] (41.1) | [21/78] (26.9) | [25/34] (73.5) | [35/94] (37.2) | [12/67] (17.9) | [23/27] (85.2) |
| GRICS | [14/112] (12.5) | [7/83] (8.4) | [7/29] (24.1) | [25/115] (21.7) | [9/81] (11.1) | [16/34] (47.1) | [27/107] (25.2) | [13/68] (19.1) | [14/39] (35.9) |
| HRICS | [18/94] (19.2) | [6/54] (11.1) | [12/40] (30.0) | [11/97] (11.3) | [5/63] (7.9) | [6/34] (17.7) | [23/78] (29.5) | [8/45] (17.8) | [15/33] (45.5) |
| LMICS | [18/106] (17.0) | [9/87] (10.3) | [9/19] (47.4) | [26/120] (21.7) | [18/98] (18.4) | [8/22] (36.4) | [27/119] (22.7) | [12/92] (13.0) | [15/27] (55.6) |
| GICS | [20/9]2 (21.7) | [9/74] (12.2) | [11/18] (61.1) | [24/103] (23.3) | [11/86] (12.8) | [13/17] (76.5) | [17/81] (21.0) | [12/71] (16.9) | [5/10] (50.0) |
| **Total** |  | **[582/1,831] (31.8)** | **[303/1,370] (22.1)** | **[279/461] (60.5)** | **[566/1,806] (31.3)** | **[276/1,318] (20.9)** | **[290/488] (59.4)** | **[634/1,829] (34.7)** | **[273/1,261] (21.7)** | **[361/568] (63.6)** |

### Table 12.5.3: Proportion of colorectal cancer patients receiving systemic anti–cancer therapy within recommended timelines by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, Victoria, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%)  All | 2014  [n/N] (%)  Surgery first | 2014  [n/N] (%)  Chemo first | 2015  [n/N] (%)  All | 2015  [n/N] (%)  Surgery first | 2015  [n/N] (%)  Chemo first | 2016  [n/N] (%)  All | 2016  [n/N] (%)  Surgery first | 2016  [n/N] (%)  Chemo first |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Age | < 60 | [277/469 (59.1) | [228/311] (73.3) | [49/158] (31.0) | [235/374] (62.8) | [186/225] (82.7) | [49/149] (32.9) | [228/385] (59.2) | [198/251] (78.9) | [30/134] (22.4) |
| 60–69 | [210/374 (56.2) | [182/250] (72.8) | [28/124] (22.6) | [185/352] (52.6) | [155/225] (68.9) | [30/127] (23.6) | [188/327] (57.5) | [155/221] (70.1) | [33/106] (31.1) |
| 70–79 | [145/320 (45.3) | [120/204] (58.8) | [25/116] (21.6) | [167/303] (55.1) | [134/201] (66.7) | [33/102] (32.4) | [147/294] (50.0) | [124/188] (66.0) | [23/106] (21.7) |
| 80+ | [30/89] (33.7) | [19/35] (54.3) | [11/54] (20.4) | [29/84] (34.5) | [22/41] (53.7) | [7/43] (16.3) | [26/75] (34.7) | [15/36] (41.7) | [11/39] (28.2) |
| Sex | Female | [310/565] (54.9) | [259/387] (66.9) | [51/178] (28.7) | [273/457] (59.7) | [224/314] (71.3) | [49/143] (34.3) | [275/485] (56.7) | [236/329] (71.7) | [39/156] (25.0) |
| Male | [352/687] (51.2) | [290/413] (70.2) | [62/274] (22.6) | [343/656] (52.3) | [273/378] (72.2) | [70/278] (25.2) | [314/596] (52.6) | [256/367] (69.8) | [58/229] (25.3) |
| Indigenous status | Aboriginal Victorian | [4/9] (44.4) | [3/5] (60.0) | [1/4] (25.0) | [4/9] (44.4) | [4/7] (57.1) | [0/2] (0.0) | [3/6] (50.0) | [2/2]] (100.0) | [1/4 (25.0) |
| Non–Aboriginal Victorian | [658/1,243] (52.9) | [546/795] (68.7) | [112/448] (25.0) | [612/1,104] (55.4) | [493/685] (72.0) | [119/419] (28.4) | [586/1,075] (54.5) | [490/694] (70.6) | [96/381] (25.2) |
| Language spoken at home | Language other than English | [122/291] (41.9) | [106/178] (59.6) | [16/113] (14.2) | [138/277] (49.8) | [112/153] (73.2) | [26/124] (21.0) | [116/231] (50.2) | [97/147] (66.0) | [19/84] (22.6) |
| English | [529/932] (56.7) | [432/605] (71.4) | [97/327] (29.7) | [459/794] (57.8) | [368/509] (72.3) | [91/285] (31.9) | [443/795] (55.7) | [372/515] (72.2) | [71/280] (25.4) |
| Unknown | 11 | 11 | 0 | 19 | 17 | 2 | 30 | 23 | 7 |
| Remoteness | Major cities | [453/873] (51.9) | [366/532] (68.8) | [87/341] (25.5) | [415/741] (56.0) | [326/438] (74.4) | [89/303] (29.4) | [425/737] (57.7) | [347/480] (72.3) | [78/257] (30.4) |
| Inner regional | [170/289] (58.8) | [148/205] (72.2) | [22/84] (26.2) | [149/273] (54.6) | [123/180] (68.3) | [26/93] (28.0) | [129/271] (47.6) | [114/162] (70.4) | [15/109] (13.8) |
| Outer regional/remote | [37/88] (42.1) | [33/61] (54.1) | [4/27] (14.8) | [48/89] (53.9) | [45/68] (66.2) | [3/21] (14.3) | [35/73] (48.0) | [31/54] (57.4) | [4/19] (21.1) |
| Socioeconomic status | 1 (most disadvantaged) | [131/297] (44.1) | [110/193] (57.0) | [21/104] (20.2) | [127/254 (50.0) | [106/164] (64.6) | [21/90] (23.3) | [107/234] (45.7) | [92/146] (63.0) | [15/88] (17.1) |
| 2 | [113/233] (48.5) | [91/141] (64.6) | [22/92] (23.9) | [127/250] (50.8) | [99/143 (69.2) | [28/107] (26.2) | [114/240] (47.5) | [98/153] (64.1) | [16/87] (18.4) |
| 3 | [135/240] (56.3) | [111/153] (72.6) | [24/87] (27.6) | [119/211] (56.4) | [96/133] (72.2) | [23/78] (29.5) | 120/204] (58.8) | [101/132] (76.5) | [19/72] (26.4) |
| 4 | [154/260] (59.2) | [125/171] (73.1) | [29/89] (32.6) | [122/206] (59.2) | [99/132] (75.0) | [23/74] (31.1) | [114/208] (54.8) | [94/136] (69.1) | [20/72] (27.8) |
| 5 (least disadvantaged) | [128/217] (59.0) | [111/139] (79.9) | [17/78] (21.8) | [120/188] (63.8) | [96/119] (80.7) | [24/69] (34.8) | [131/190] (69.0) | [104/126] (82.5) | [27/64] (42.2) |
| Integrated Cancer Service | NEMICS | [149/294] (50.7) | [113/160] (70.6) | [36/134] (26.9) | [137/247] (55.5) | [104/133] (78.2) | [33/114] (29.0) | [138/228] (60.5) | [107/144] (74.3) | [31/84] (36.9) |
| SMICS | [169/311] (54.3) | [143/195] (73.3) | [26/116] (22.4) | [168/264] (63.6) | [139/178] (78.1) | [29/86] (33.7) | [159/258] (61.6) | [128/177] (72.3) | [31/81] (38.3) |
| WCMICS | [126/249] (50.6) | [101/157] (64.3) | [25/92] (27.2) | [99/209] (47.4) | [75/110] (68.2) | [24/99] (24.2) | [112/217] (51.6) | [93/131] (71.0) | [19/86] (22.1) |
| BSWRICS | [43/70] (61.4) | [40/59] (67.8) | [3/11] (27.3) | [42/74] (56.8) | [35/53] (66.0) | [7/21] (33.3) | [46/88] (52.3) | [42/62] (67.7) | [4/26] (15.4) |
| GRICS | [45/76] (59.2) | [39/56] (69.6) | [6/20] (30.0) | [50/93] (53.8) | [40/64] (62.5) | [10/29] (34.5) | [38/93] (40.9) | [37/59] (62.7) | [1/34] (2.9) |
| HRICS | [27/66] (40.9) | [23/35] (65.7) | [4/31] (12.9) | [24/66] (36.4) | [18/32] (56.3) | [6/34] (17.7) | [24/48] (50.0) | [21/28] (75.0) | [3/20] (15.0) |
| LMICS | [52/108] (48.2) | [47/76 (61.8) | [5/32] (15.6) | [50/82] (61.0) | 45/65] (69.2) | [5/17] (29.4) | 37/81] (45.7) | [31/50] (62.0) | [6/31] (19.4) |
| GICS | [49/76] (64.5) | [41/60] (68.3) | [8/16] (50.0) | [41/65] (63.1) | [37/49] (75.5) | [4/16] (25.0) | [35/66] (53.0) | [33/45] (73.3) | [2/21] (9.5) |
| **Total** |  | **[662/1,252] (52.9)** | **[549/800] (68.6)** | **[113/452] (25.0)** | **[616/1,113] (55.4)** | **[497/692] (71.8)** | **[119/421] (28.3)** | **[589/1,081] (54.5)** | **[492/696] (70.7)** | **[97/385] (25.2)** |

### Table 12.5.4: Proportion of ovarian cancer patients receiving systemic anti–cancer therapy within recommended timelines by age, sex, Indigenous status, language spoken at home, remoteness area, SES and ICS, Victoria, 2014–2016

| Population group | Subgroup | 2014  [n/N] (%)  All | 2014  [n/N] (%)  Surgery first | 2014  [n/N] (%)  Chemo first | 2015  [n/N] (%)  All | 2015  [n/N] (%)  Surgery first | 2015  [n/N] (%)  Chemo first | 2016  [n/N] (%)  All | 2016  [n/N] (%)  Surgery first | 2016  [n/N] (%)  Chemo first |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Age | < 60 | [37/86] (43.0) | [30/75] (40.0) | [7/11] (63.6) | [36/76] (47.4) | [27/63] (42.9) | [9/13] (69.2) | [35/77] (45.5) | [25/61] (41.0) | [10/16] (62.5) |
| 60–69 | [32/55] (58.2) | [20/41] (48.8) | [12/14] (85.7) | [27/61] (44.3) | [9/36] (25.0) | [18/25] (72.0) | [37/61] (60.7) | [16/31] (51.6) | [21/30] (70.0) |
| 70–79 | [29/47] (61.7) | [16/31] (51.6) | [13/16] (81.3) | [23/43] (53.5) | [8/21] (38.1) | 15/22] (68.2) | [21/45] (46.7) | [7/21] (33.3) | [14/24] (58.3) |
| 80+ | [15/23] (65.2) | [3/6] (50.0) | [12/17] (70.6) | [14/25] (56.0) | [1/5] (20.0) | [13/20] (65.0) | [12/17] (70.6) | [3/4] (75.0) | [9/13] (69.2) |
| Sex | Female | [113/211] (53.6) | [69/153] (45.1) | [44/58] (75.9) | [100/205] (48.8) | [45/125] (36.0) | [55/80] (68.8) | [105/200] (52.5) | [51/117] (43.6) | [54/83] (65.1) |
| Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indigenous status | Aboriginal Victorian | [1/2] (50.0) | [0/1] (0.0) | [1/1] (100.0) | [0/0] (0) | [0/0] (0) | [0/0] (0) | [1/2] (50.0) | [0/1] (0.0) | [1/1] (100.0) |
| Non–Aboriginal Victorian | [112/209] (53.6) | [69/152] (45.4) | [43/57] (75.4) | [100/205] (48.8) | [45/125] (36.0) | [55/80] (68.8) | [104/198] (52.5) | [51/11]6 (44.0) | [53/82] (64.7) |
| Language spoken at home | Language other than English | [33/51] (64.7) | [19/36]] (52.8) | [14/1] (93.3) | [29/60] (48.3) | [7/29] (24.1) | [22/31] (71.0) | [20/39] (51.3) | [8/23] (34.8) | [12/16] (75.0) |
| English | [77/153] (50.3) | [48/111] (43.2) | [29/42] (69.1) | [69/141] (48.9) | [37/93] (39.8) | [32/48] (66.7) | [81/153] (52.9) | [42/91] (46.2) | [39/62] (62.9) |
| Unknown | 3 | 2 | 1 | 2 | 1 | 1 | 4 | 1 | 3 |
| Remoteness | Major cities | [94/163] (57.7) | [57/119] (47.9) | [37/44] (84.1) | [76/154] (49.4) | [36/96] (37.5) | [40/58] (69.0) | [78/148] (52.7) | [43/94] (45.7) | [35/54] (64.8) |
| Inner regional | [16/36] (44.4) | [9/24] (37.5) | [7/12] (58.3) | [16/38] (42.1) | [6/22] (27.3) | [10/16] (62.5) | [24/45] (53.3) | [7/21] (33.3) | [17/24] (70.8) |
| Outer regional/remote | [3/12] (25.0) | [3/1]0 (30.0) | [0/2] (0.0) | [5/9] (55.6) | [1/4] (25.0) | [4/5] (80.0) | [3/7] (42.9) | [1/2] (50.0) | [2/5] (40.0) |
| Socioeconomic status | 1 (most disadvantaged) | [19/39] (48.7) | [12/28] (42.9) | [7/11] (63.6) | [16/36] (44.4) | [6/21] (28.6) | [10/15] (66.7) | [17/40] (42.5) | [7/21] (33.3) | [10/19] (52.6) |
| 2 | [18/39] (46.2) | [11/29] (37.9) | [7/10] (70.0) | [18/40] (45.0) | [6/22] (27.3) | [12/18] (66.7) | [24/37] (64.9) | [8/18] (44.4) | [16/19] (84.2) |
| 3 | [29/48] (60.4) | [14/33] (42.4) | [15/15] (100.0) | [25/46] (54.4) | [14/31] (45.2) | [11/15] (73.3) | [14/36] (38.9) | [9/25] (36.0) | [5/11] (45.5) |
| 4 | [26/43] (60.5) | [17/30] (56.7) | [9/13] (69.2) | [20/40] (50.0) | [6/21] (28.6) | [14/19] (73.6) | [30/49] (61.2) | [18/31] (58.1) | [12/18] (66.7) |
| 5 (least disadvantaged) | [21/41 (51.2) | [15/32] (46.9) | [6/9] (66.7) | [19/40] (47.5) | [12/29] (41.4) | [7/11] (63.6) | [20/36] (55.6) | [9/22] (40.9) | [11/14] (78.6) |
| Integrated Cancer Service | NEMICS | [30/51] (58.8) | [17/35] (48.6) | [13/16] (81.3) | [21/39] (53.9) | [7/23] (30.4) | [14/16] (87.5) | [29/46] (63.0) | [12/22] (54.6) | [17/24] (70.8) |
| SMICS | [36/64] (56.3) | [22/48] (45.8) | [14/16] (87.5) | [26/64] (40.6) | [14/40] (35.0) | [12/24] (50.0) | [27/63] (42.9) | [14/43] (32.6) | [13/20] (65.0) |
| WCMICS | [24/42] (57.1) | [16/32] (50.0) | [8/10] (80.0) | [27/49] (55.1) | [14/31] (45.2) | [13/18] (72.2) | [21/37] (56.8) | [14/25] (56.0) | [7/12] (58.3) |
| BSWRICS | [6/13] (46.2) | [3/9] (33.3) | [3/4] (75.0) | [4/11] (36.4) | [1/7] (14.3) | [3/4] (75.0) | [9/12] (75.0) | [6/7] (85.7) | [3/]5 (60.0) |
| GRICS | [4/11] (36.4) | [3/8] (37.5) | [1/3] (33.3) | [7/15] (46.7) | [1/6] (16.7) | [6/9] (66.7) | [4/9] (44.4) | [1/5] (20.0) | [3/4] (75.0) |
| HRICS | [1/6] (16.7) | [1/6] (16.7) | [0/0] (0) | [3/6] (50.0) | [3/5] (60.0) | [0/1] (0.0) | [7/9] (77.8) | [3/5] (60.0) | [4/4] (100.0) |
| LMICS | [6/13] (46.2) | [3/7] (42.9) | [3/6] (50.0) | [4/6] (66.7) | [1/3] (33.3) | [3/3] (100.0) | [1/9] (11.1) | [0/6] (0.0) | [1/3] (33.3) |
| GICS | [6/11] (54.6) | [4/8] (50.0) | [2/3] (66.7) | [3/8] (37.5) | [1/6] (16.7) | [2/2] (100.0) | [7/13] (53.9) | [1/4] (25.0) | [6/9] (66.7) |
| **Total** |  | **[113/211] (53.6)** | **[69/153] (45.1)** | **[44/58] (75.9)** | **[100/205] (48.8)** | **[45/125] (36.0)** | **[55/80] (68.8)** | **[105/200] (52.5)** | **[51/117] (43.6)** | **[54/83] (65.1)** |

## Measure 12.13 – Proportion of patients receiving aggressive interventions within 30 days prior to death

### Table 12.13: Proportion of patients receiving systemic anti–cancer therapy within 30 days of death by ICS, 2014–2016

|  |  |  |  |
| --- | --- | --- | --- |
| ICS | 2014 (Year of death)  (%) [n/No.] | 2015 (Year of death)  (%) [n/No.] | 2016 (Year of death)  (%) [n/No.] |
| NEMICS | (12) [232/2,016] | (12) [238/2,057] | (12) [257/2,069] |
| SMICS | (11) [258/2,365] | (11) [281/2,488] | (11) [276/2,455] |
| WCMICS | (8) [140/1,668] | (9) [157/1,692] | (10) [165/1,714] |
| BSWRICS | (10) [68/713] | (7) [55/804] | (8) [66/784 |
| GRICS | (12) [70/561] | (12) [77/648] | (12) [77/649] |
| HRICS | (7) [37/508] | (5) [29/551] | (8) [41526] |
| LMICS | (7) [44/642] | (11) [73/670] | (11) [78/694] |
| GICS | (12) [55/451] | (12) [56/472] | (11) [54/474] |
| **Victoria** | **(10) [905/8,926]** | **(10) [967/9,435]** | **(11) [1027/9,575]** |

Note: Chemotherapy (SACT) is limited to chemotherapy provided in an inpatient setting. This excludes oral chemotherapy and other non–admitted chemotherapy (for example, Baxter pump).

### Table 12.13.1: Proportion of patients receiving radical radiation within 30 days of death by ICS, 2014–2016

|  |  |  |  |
| --- | --- | --- | --- |
| ICS | 2014 (Year of death)  (%) [n/No.] | 2015 (Year of death)  (%) [n/No.] | 2016 (Year of death)  (%) [n/No.] |
| NEMICS | (0.2) [4/2,016] | (0.3) [6/2,057] | (0.1) [3/2,069] |
| SMICS | (0.3) [8/2,365] | (0.2) [6/2,488] | (0.2) [5/2,455] |
| WCMICS | (0.2) [3/1,668] | (0.3) [6/1,692] | (0.2) [3/1,714] |
| BSWRICS | (0.2) [1/713] | (0.5) [3/804] | (0.2) [2/784] |
| GRICS | (0.2) [1/561] | (0.3) [2/648] | (0.1) [1/649] |
| HRICS | (0) [0/508] | (0) [0/551] | (0.2) [1/526] |
| LMICS | (0.1) [1/642] | (0.3) [2/670] | (0.1) [1/694] |
| GICS | (0.2) [1/451] | (0.2) [1/472] | (0.4) [2/474] |
| **Victoria** | **(0.2) [19/8,926]** | **(0.3) [26/9,435]** | **(0.2) [18/9,575]** |

*Note: Radical radiotherapy is defined as any radiotherapy provided with ‘radical’ intent as reported to the VRMDS.*

### Table 12.13.2: Proportion of patients admitted to intensive care within 30 days of death by ICS, 2014–2017

|  |  |  |  |
| --- | --- | --- | --- |
| ICS | 2014 (Year of death)  (%) [n/No.] | 2015 (Year of death)  (%) [n/No.] | 2016 (Year of death)  (%) [n/No.] |
| NEMICS | (7) [141/2,016] | (7) [134/2,057] | (6) [132/2,069] |
| SMICS | (6) [151/2,365] | (7) [177/2,488] | (6) [157/2,455] |
| WCMICS | (6) [98/1,668] | (7) [111/1,692] | (7) [113/1,714] |
| BSWRICS | (5) [35/713] | (6) [48/804] | (5) [42/784] |
| GRICS | (7) [38/561] | (8) [50/648] | (7) [44/649] |
| HRICS | (5) [24/508] | (8) [42/551] | (6) [32/526] |
| LMICS | (6) [37/642] | (7) [49/670] | (6) [42/694] |
| GICS | (8) [35/451] | (8) [39/472] | (8) [36/474] |
| **Victoria** | **(6) [559/8,926]** | **(7) [653/9,435]** | **(6) [608/9,575]** |

# Key result: Increase one- and five year-year survival

## Measure 13.1 – One-year survival from all cancers

### Table 13.1a: One–year survival from all cancers by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 2,337 | 81.7 (81.1–82.4) | 2,379 | 81.8 (81.2–82.5) | 2,369 | 83.0 (82.3–83.7) | 2,432 | 83.1 (82.4–83.7) |
| Male | 3,190 | 81.7 (80.9–82.5) | 3,287 | 80.8 (80.1–81.4) | 3,316 | 81.0 (80.3–81.6) | 3,370 | 80.6 (79.9–81.3) |
| Age | 0–14 | 11 | 92.9 (87.6–96.1) | 12 | 92.6 (87.3–95.7) | 7 | 96.2 (92.2–98.2) | 5 | 96.8 (92.4–98.7) |
| 15–29 | 16 | 96.5 (94.3–97.8) | 12 | 97.2 (95.1–98.4) | 10 | 97.9 (96.2–98.9) | 19 | 96.1 (93.9–97.5) |
| 30–44 | 96 | 94.6 (93.4–95.6) | 119 | 93.3 (92.1–94.4) | 83 | 95.7 (94.6–96.5) | 101 | 94.7 (93.6–95.6) |
| 45–54 | 329 | 90.6 (89.5–91.5) | 326 | 90.9 (89.9–91.8) | 297 | 91.7 (90.7–92.5) | 319 | 91.4 (90.4–92.3) |
| 55–64 | 742 | 88.9 (88.1–89.7) | 807 | 87.8 (86.9–88.6) | 768 | 88.3 (87.5–89.1) | 768 | 88.2 (87.4–89.0) |
| 65–74 | 1,304 | 83.1 (82.2–83.9) | 1,385 | 81.9 (80.9–82.8) | 1,346 | 83.1 (82.2–83.9) | 1,389 | 83.2 (82.3–84.1) |
| 75+ | 3,029 | 66.8 (65.6–67.9) | 3,005 | 66.9 (65.7–67.9) | 3,174 | 67.4 (66.3–68.5) | 3,201 | 67.3 (66.2–68.3) |
| Remoteness | Major cities | 3,837 | 82.2 (81.7–82.8) | 3919 | 81.8 (81.2–82.4) | 3,915 | 82.5 (81.9–83.1) | 4,079 | 82.1 (81.6–82.7) |
| Inner regional | 1,308 | 80.7 (79.6–81.7) | 1,338 | 80.5 (79.5–81.5) | 1,359 | 80.7 (79.7–81.7) | 1,376 | 80.6 (79.5–81.6) |
| Outer regional/remote | 378 | 79.3 (77.2–81.3) | 403 | 77.3 (75.1–79.4) | 411 | 78.2 (76.1–80.2) | 345 | 81.0 (78.9–82.9) |
| Integrated Cancer Service | NEMICS | 1,259 | 83.0 (82.2–83.9) | 1,294 | 82.3 (81.3–83.3) | 1,263 | 83.1 (82.1–84.0) | 1,350 | 82.5 (81.6–83.5) |
| SMICS | 1,454 | 83.0 (82.1–83.9) | 1,499 | 82.3 (81.4–83.2) | 1,498 | 82.9 (82.1–83.9) | 1,554 | 82.3 (81.4–83.2) |
| WCMICS | 970 | 80.5 (79.2–81.7) | 953 | 81.3 (80.1–84.5) | 1,002 | 81.6 (80.5–82.7) | 1,003 | 82.1 (80.9–83.2) |
| BSWRICS | 471 | 80.9 (79.1–82.6) | 504 | 79.2 (77.4–80.9) | 461 | 80.8 (78.9–82.5) | 512 | 77.8 (75.9–79.6) |
| GRICS | 279 | 80.3 (77.9–82.5) | 302 | 78.5 (76.1–80.8) | 295 | 78.8 (76.4–81.1) | 282 | 80.8 (78.5–82.9) |
| HRICS | 315 | 81.5 (79.4–83.5) | 321 | 81.4 (79.3–83.4) | 340 | 80.2 (78.0–82.2) | 340 | 81.0 (78.9–82.9) |
| LMICS | 405 | 79.6 (77.6–81.5) | 422 | 79.3 (77.3–81.2) | 461 | 79.3 (77.4–81.1) | 401 | 81.9 (80.1–83.6) |
| GICS | 370 | 78.4 (76.2–80.5) | 371 | 78.1 (75.9–80.2) | 364 | 80.0 (77.9–81.9) | 357 | 79.6 (77.4–81.6) |
| **Overall** |  | **5,527** | **81.7 (81.3–82.2)** | **5,666** | **81.2 (80.7–81.7)** | **5,685** | **81.9 (81.4–82.3)** | **5,802** | **81.7 (81.3–82.2)** |

### Table 13.1b: One–year survival from all cancers by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) |
| Sex | Female | 2,321 | 84.6 (83.9–85.2) | 2,346 | 84.9 (84.3–85.5) | 2,420 | 84.9 (84.3–85.5) |
| Male | 3,281 | 81.1 (80.4–81.7) | 3,348 | 81.4 (80.8–82.1) | 3,441 | 81.8 (81.1–82.4) |
| Age | 0–14 | 16 | 91.4 (86.4–94.7) | 12 | 93.0 (88.1–96.0) | 10 | 94.6 (90.2–97.1) |
| 15–29 | 17 | 96.6 (94.5–97.9) | 18 | 96.5 (94.5–97.8) | 25 | 95.7 993.7–97.1) |
| 30–44 | 96 | 95.3 (94.3–96.1) | 104 | 94.9 (93.8–95.7) | 110 | 94.7 (93.6–95.6) |
| 45–54 | 256 | 92.9 (92.0–93.7) | 249 | 93.0 (92.1–93.9) | 313 | 91.7 (90.8–92.6) |
| 55–64 | 733 | 88.6 (87.8–89.4) | 753 | 88.8 (88.0–89.6) | 790 | 88.7 (87.9–89.4) |
| 65–74 | 1,392 | 83.9 (83.0–84.7) | 1,404 | 84.5 (83.7–85.3) | 1,391 | 85.4 (84.6–86.2) |
| 75+ | 3,092 | 68.8 (67.8–69.8) | 3,154 | 69.8 (68.8–70.8) | 3,222 | 69.8 (68.7–70.8) |
| Remoteness | Major cities | 3,934 | 83.0 (82.5–83.6) | 3,948 | 83.5 (83.0–84.1) | 4,016 | 83.8 (83.2–84.3) |
| Inner regional | 1,302 | 82.0 (81.0–82.9 | 1,347 | 82.2 (81.2–83.1) | 1,423 | 82.0 (81.1–82.9) |
| Outer regional/remote | 366 | 80.6 (78.6–82.5) | 396 | 79.6 (77.5–81.5) | 410 | 79.2 (77.2–81.1) |
| Integrated Cancer Service | NEMICS | 1,250 | 83.9 (83.0–84.9) | 1,242 | 84.8 (83.8–85.6) | 1,239 | 84.8 (83.9–85.7) |
| SMICS | 1,515 | 82.9 (82.1–83.8) | 1,488 | 83.7 (82.9–84.6) | 1,504 | 84.3 (83.4–85.1) |
| WCMICS | 1,035 | 82.0 (80.9–83.1) | 1,036 | 82.2 (81.2–83.4) | 1,055 | 82.9 (81.9–83.9) |
| BSWRICS | 426 | 82.2 (80.4–83.9) | 486 | 80.3 (78.5–82.0) | 483 | 81.2 (79.5–82.8) |
| GRICS | 309 | 79.0 (76.6–81.2) | 278 | 81.8 (79.6–83.9) | 312 | 80.6 (78.4–82.6) |
| HRICS | 314 | 82.4 (80.4–84.3) | 332 | 82.4 (80.4–84.3) | 324 | 83.7 (81.8–85.5) |
| LMICS | 411 | 81.4 (79.5–83.1) | 402 | 81.6 (79.7–83.4) | 443 | 80.7 (78.9–82.5) |
| GICS | 341 | 81.7 (79.7–83.6) | 377 | 80.7 (78.7–82.5) | 393 | 80.4 (78.4–82.2) |
| **Overall** |  | **5,602** | **82.7 (82.2–83.2)** | **5,694** | **83.1 (82.6–83.5)** | **5,861** | **83.2 (82.8–83.6)** |

## Measure 13.2 – One-year survival from lung cancer

### Table 13.2a: One–year survival from lung cancer by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 522 | 45.3 (42.2–48.5) | 519 | 43.8 (40.6–46.9) | 531 | 47.9 (44.8–50.9) | 545 | 49.2 (46.1–52.1) |
| Male | 800 | 39.8 (37.1–42.4) | 868 | 37.3 (34.8–39.9) | 860 | 43.0 (40.5–45.5) | 907 | 40.4 (37.9–42.8) |
| Age | 0–44 | 13 | 70.5 (54.7–81.7) | 24 | 51.5 (37.1–64.1) | 11 | 73.3 (56.9–84.2) | 16 | 63.4 (47.5–75.7) |
| 45–54 | 68 | 57.8 (49.9–64.9) | 104 | 45.5 (38.5–52.2) | 71 | 62.0 (54.7–68.5) | 86 | 53.8 (46.4–60.6) |
| 55–64 | 208 | 54.2 (49.6–58.6) | 233 | 48.7 (44.1–53.1) | 240 | 50.2 (45.7–54.5) | 236 | 51.4 (46.9–55.7) |
| 65–74 | 376 | 47.2 (43.5–50.8) | 403 | 42.9 (39.4–46.5) | 395 | 49.3 (45.7–52.7) | 423 | 49.4 (45.9–52.7) |
| 75+ | 657 | 27.8 (25.0–30.7) | 623 | 31.1 (28.1–34.1) | 674 | 34.9 (31.9–37.8) | 691 | 33.3 (30.4–36.1) |
| Remoteness | Major cities | 890 | 43.5 (41.0–45.9) | 940 | 41.3 (38.9–43.7) | 936 | 46.8 (44.4–49.2) | 1,002 | 45.6 (43.3–47.9) |
| Inner regional | 323 | 41.1 (36.9–45.2) | 349 | 38.1 (34.2–42.1) | 342 | 42.3 (38.3–46.2) | 360 | 39.3 (35.4–43.2) |
| Outer regional/remote | 105 | 32.1 (25.1–39.3) | 94 | 31.9 (24.6–39.5) | 113 | 34.9 (28.1–41.9) | 89 | 43.5 (35.7–51.1) |
| Integrated Cancer Service | NEMICS | 275 | 44.2 (39.8–48.6) | 305 | 40.1 (35.9–44.4) | 284 | 47.1 (42.8–51.3) | 334 | 43.8 (39.8–47.8) |
| SMICS | 348 | 43.3 (39.4–47.2) | 338 | 44.5 (40.5–48.5) | 366 | 47.3 (43.5–51.0) | 363 | 46.6 (42.8–50.4) |
| WCMICS | 242 | 41.0 (36.2–45.7) | 258 | 39.5 (34.9–44.1) | 251 | 44.9 (40.3–49.5) | 257 | 47.4 (42.9–51.8) |
| BSWRICS | 104 | 43.7 (36.5–50.8) | 115 | 39.4 (32.5–46.2) | 127 | 43.7 (371–50.2) | 126 | 36.8 (30.2–43.4) |
| GRICS | 59 | 45.9 (36.4–55.1) | 80 | 33.9 (25.9–42.2) | 82 | 33.0 (25.1–41.1) | 67 | 42.9 (33.9–51.6) |
| HRICS | 89 | 38.8 (30.9–46.6) | 83 | 33.5 (25.6–41.6) | 76 | 41.9 (33.5–50.2) | 86 | 41.9 (33.9–49.6) |
| LMICS | 114 | 34.2 (27.4–41.1) | 101 | 41.4 (34.0–48.7) | 120 | 37.9 (31.2–44.6) | 119 | 40.5 (33.7–47.2) |
| GICS | 87 | 40.9 (33.1–48.8) | 107 | 32.0 (25.1–39.1) | 85 | 47.8 (39.9–55.4) | 99 | 37.3 (29.9–44.7) |
| **Overall** |  | **1,322** | **42.1 ( 40.1–44.1)** | **1,387** | **39.1 (37.9–41.9)** | **1,391** | **45.0 (43.0–46.9)** | **1,452** | **44.0 (42.1–45.9)** |

### Table 13.2b: One–year survival from lung cancer by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 547 | 51.1 (48.1–54.0) | 528 | 53.7 (50.7–56.6) | 548 | 54.8 (51.8–57.6) |
| Male | 889 | 40.9 (38.4–43.4) | 876 | 41.7 (39.2–44.2) | 861 | 43.7 (41.2–46.2) |
| Age | 0–44 | 18 | 64.5 (49.8–75.9) | 18 | 68.8 (55.3–79.1) | 16 | 70.7 (56.8–80.9) |
| 45–54 | 71 | 56.7 (48.8–63.8) | 59 | 58.1 (49.6–65.7) | 66 | 56.9 (48.8–64.3) |
| 55–64 | 222 | 52.3 (47.7–56.7) | 224 | 55.6 (51.2–59.8) | 215 | 56.9 (52.5–61.1) |
| 65–74 | 445 | 49.3 (45.9–52.5) | 440 | 49.0 (45.7–52.3) | 428 | 55.2 (51.9–58.3) |
| 75+ | 680 | 35.8 (32.9–38.7) | 663 | 37.9 (34.9–40.9) | 684 | 36.0 (33.1–38.9) |
| Remoteness | Major cities | 996 | 45.6 (43.3–47.9) | 981 | 49.9 (44.6–49.2) | 949 | 48.7 (46.4–50.9) |
| Inner regional | 346 | 43.5 (39.5–47.4) | 338 | 44.7 (40.7–48.6) | 362 | 46.6 (42.7–50.3) |
| Outer regional/ remote | 94 | 45.1 (37.5–52.4) | 85 | 50.0 (42.2–57.4) | 96 | 44.1 (36.5–51.4) |
| Integrated Cancer Service | NEMICS | 276 | 47.4 (42.9–51.6) | 287 | 48.4 (44.1–52.6) | 319 | 46.7 (42.6–50.7) |
| SMICS | 397 | 42.6 (38.9–46.3) | 390 | 44.5 (40.8–48.2) | 338 | 49.9 (45.9–53.7) |
| WCMICS | 287 | 47.2 (42.9–51.4) | 269 | 47.1 (42.7–51.4) | 254 | 49.1 (44.6–53.5) |
| BSWRICS | 102 | 44.6 (37.3–51.7) | 113 | 42.8 (35.9–49.6) | 121 | 42.9 (36.3–49.6) |
| GRICS | 67 | 41.8 (32.8–50.6) | 62 | 47.4 (38.1–56.1) | 84 | 41.3 (33.2–49.1) |
| HRICS | 85 | 48.9 (41.1–56.4) | 86 | 45.4 (37.5–53.1) | 79 | 54.9 (47.1–62.2) |
| LMICS | 127 | 35.1 (28.6–41.6) | 97 | 42.9 (35.5–50.2) | 90 | 47.5 (39.8–54.8) |
| GICS | 94 | 48.7 (41.2–55.8) | 95 | 49.1 (41.7–56.2) | 106 | 43.7 (36.5–50.6) |
| **Overall** |  | **1,436** | **45.2 (43.3–47.2)** | **1,404** | **46.8 (44.9–48.8)** | **1,409** | **48.6 (46.6–50.4)** |

## Measure 13.3 – One-year survival from pancreatic cancer

### Table 13.3a: One–year survival from pancreatic cancer by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 228 | 24.9 (20.5–29.6) | 244 | 25.1 (20.8–29.6) | 232 | 28.9 (24.4–33.8) | 209 | 34.5 (29.4–39.7) |
| Male | 230 | 28.7 (24.1–33.5) | 242 | 29.1 (24.6–33.8) | 251 | 29.3 (24.8–33.9) | 259 | 29.7 (25.3–34.3) |
| Age | 0–54 | 36 | 48.8 (36.9–59.6) | 31 | 54.7 (42.4–65.5) | 30 | 53.9 (41.3–64.9) | 24 | 61.5 (48.4–72.2) |
| 55–64 | 67 | 41.2 (32.4–49.8) | 77 | 43.2 (35.0–51.2) | 62 | 49.8 (40.8–58.1) | 62 | 50.4 (41.5–58.7) |
| 65–74 | 126 | 27.5 (21.4–33.9) | 120 | 30.7 (24.3–37.3) | 140 | 30.8 (24.9–36.9) | 137 | 32.6 (26.5–38.9) |
| 75+ | 229 | 15.5 (11.9–19.6) | 258 | 12.6 (9.5–16.1) | 251 | 14.9 (11.5–18.8) | 245 | 18.3 (14.4–22.5) |
| Remoteness | Major cities | 322 | 27.9 (24.0–31.9) | 346 | 27.9 (24.1–31.8) | 349 | 29.7 (25.9–33.6) | 324 | 33.8 (29.7–37.9) |
| Inner regional | 103 | 24.7 (18.2–31.7) | 104 | 26.7 (20.0–33.8) | 112 | 25.3 (19.0–32.1) | 116 | 25.4 (19.2–32.1) |
| Outer regional/ remote | 33 | 22.7 (12.3–35.0) | 36 | 20.4 (10.9–32.0) | 22 | 37.7 (22.3–53.3) | 28 | 33.4 (20.2–47.3) |
| Integrated Cancer Service | NEMICS | 102 | 28.8 (21.9–36.1) | 129 | 26.7 (20.6–33.1) | 114 | 32.3 (25.6–39.3) | 111 | 35.9 (28.9–42.9) |
| SMICS | 130 | 25.8 (19.9–32.2) | 131 | 27.1 (21.1–33.5) | 134 | 28.5 (22.5–34.9) | 126 | 32.6 (26.1–39.2) |
| WCMICS | 78 | 30.1 (21.9–36.1) | 75 | 32.0 (23.8–40.5) | 82 | 30.8 (23.0–38.9) | 78 | 32.6 (24.5–40.9) |
| BSWRICS | 32 | 24.5 (13.5–37.3) | 37 | 23.9 (13.7–35.9) | 40 | 19.9 (10.9–30.8) | 41 | 25.2 (15.2–36.5) |
| GRICS | 19 | 36.7 (20.5–53.3 | 28 | 28.4 (16.0–42.2) | 24 | 30.3 (16.6–45.3) | 27 | 22.3 (11.0–36.2) |
| HRICS | 30 | 28.4 (16.4–41.7) | 24 | 29.5 (15.9–44.6) | 21 | 35.1 (19.7–51.2) | 30 | 27.5 (15.5–40.9) |
| LMICS | 37 | 20.0 (10.7–31.3) | 32 | 19.6 (9.9–31.9) | 35 | 22.2 (12.1–34.1) | 25 | 33.2 (19.3–47.9) |
| GICS | 30 | 16.9 (7.8–29.1) | 30 | 24.2 (12.9–37.4) | 33 | 26.8 (15.5–39.7) | 30 | 25.5 (14.0–38.9) |
| **Overall** |  | **458** | **26.9 (23.6–30.2)** | **486** | **27.1 (24.0–30.4)** | **483** | **29.2 (25.9–32.5)** | **468** | **31.9 (28.6–35.3)** |

### Table 13.3b: One–year survival from pancreatic cancer by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 223 | 32.4 (27.5–37.4) | 224 | 38.9 (33.9–43.9) | 275 | 34.2 (29.7–38.6) |
| Male | 240 | 34.8 (30.1–39.6) | 277 | 35.9 (31.4–40.4) | 283 | 34.7 (30.3–39.1) |
| Age | 0–54 | 23 | 64.9 (52.2–75.1) | 34 | 58.9 (47.7–68.6) | 49 | 49.1 (38.9–58.4) |
| 55–64 | 67 | 43.9 (35.1–52.4) | 78 | 50.8 (42.8–58.1) | 72 | 50.9 (42.7–58.6) |
| 65–74 | 119 | 42.1 (35.5–48.7) | 135 | 43.1 (36.8–49.2) | 148 | 41.7 (35.7–47.6) |
| 75+ | 254 | 18.1 (14.4–22.3) | 254 | 21.0 (17.0–25.4) | 289 | 19.0 (15.4–22.9) |
| Remoteness | Major cities | 339 | 32.3 (28.4–36.4) | 360 | 39.1 (35.2–42.9) | 406 | 34.7 (31.0–38.4) |
| Inner regional | 95 | 38.5 (30.9–46.1) | 106 | 34.7 (27.6–41.9) | 116 | 32.8 (26.1–39.6) |
| Outer regional/ remote | 32 | 27.4 (15.8–40.4) | 35 | 20.7 (11.1–32.5) | 35 | 27.9 (16.8–40.3) |
| Integrated Cancer Service | NEMICS | 111 | 35.6 (28.6–42.6) | 125 | 37.8 (31.2–44.5) | 99 | 41.9 (34.5–49.3) |
| SMICS | 143 | 29.6 (23.7–35.8) | 122 | 39.3 (32.6–45.9) | 179 | 29.7 (24.4–35.2) |
| WCMICS | 74 | 31.0 (22.8–39.6) | 87 | 44.1 (36.1–51.7) | 107 | 36.7 (29.7–43.9) |
| BSWRICS | 32 | 31.1 (18.9–44.2) | 44 | 18.9 (10.6–29.2) | 42 | 27.9 (17.6–39.3) |
| GRICS | 25 | 27.3 (14.3–42.1) | 27 | 26.9 (14.5–41.1) | 27 | 30.1 (17.2–44.3) |
| HRICS | 24 | 36.9 (22.3–51.8) | 26 | 39.9 (25.7–53.9) | 19 | 51.2 (34.6–65.7) |
| LMICS | 29 | 38.6 (25.1–52.0) | 31 | 32.6 (20.1–45.8) | 39 | 25.2 (15.0–36.8) |
| GICS | 25 | 43.3 (28.6–57.4) | 30 | 35.5 (22.4–48.9) | 36 | 26.8 (15.9–38.9) |
| **Overall** |  | **463** | **33.7 (30.3–37.1)** | **501** | **37.3 (34.0–40.6)** | **558** | **34.4 (31.3–37.6)** |

## Measure 13.4 – One-year survival from ovarian cancer

### Table 13.4a: One–year survival from ovarian cancer by age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Age | 0–44 | 4 | 90.0 (75.5–96.2) | 3 | 91.6 (76.1–97.3) | 4 | 90.5 (76.5–96.3) | 2 | 94.9 (81.2–98.8) |
| 45–54 | 6 | 89.1 (77.2–95.0) | 6 | 88.9 (76.9–94.9) | 9 | 82.7 (69.3–90.7) | 4 | 93.9 (84.4–97.8) |
| 55–64 | 11 | 86.0 (75.9–92.2) | 10 | 87.4 (77.6–93.2) | 6 | 92.3 (83.2–96.7) | 8 | 90.3 (81.2–95.2) |
| 65–74 | 15 | 82.4 (72.0–89.3) | 18 | 75.1 (63.2–83.8) | 17 | 80.4 (69.9–87.6) | 16 | 81.5 (71.1–88.5) |
| 75+ | 46 | 48.4 (37.3–58.9) | 51 | 49.7 (39.2–59.5) | 48 | 47.9 (36.9–58.3) | 50 | 37.7 (27.1–48.4) |
| Remoteness | Major cities | 55 | 79.4 (73.7–84.1) | 60 | 75.9 (69.8–81.1) | 61 | 76.7 (70.8–81.7) | 55 | 78.3 (72.4–83.2) |
| Inner regional | 16 | 75.2 (62.1–84.5) | 19 | 74.5 (62.5–83.3) | 18 | 74.5 (62.2–83.5) | 21 | 75.2 (64.1–83.4) |
| Outer regional/ remote | 11 | 52.4 (30.7–70.5) | 9 | 63.4 (41.0–79.5) | 5 | 77.2 (52.2–90.8) | 4 | 79.5 (52.5–92.8) |
| Integrated Cancer Service | NEMICS | 18 | 79.7 (69.0–87.2) | 24 | 71.3 (59.9–80.2) | 22 | 72.9 (61.4–81.8) | 15 | 83.2 (72.9–90.2) |
| SMICS | 26 | 73.6 (63.2–81.7) | 18 | 80.3 (69.7–87.7) | 21 | 78.7 (68.5–86.1) | 25 | 74.5 (64.2–82.4) |
| WCMICS | 9 | 87.2 (76.0–93.7) | 18 | 72.3 (59.4–82.1) | 15 | 78.1 (65.6–86.7) | 14 | 76.3 (62.6–85.8) |
| BSWRICS | 9 | 71.9 (52.2–85.0) | 5 | 83.9 (64.3–93.7) | 10 | 71.6 (53.0–84.2) | 5 | 78.5 (54.9–91.2) |
| GRICS | 5 | 71.5 (43.8–87.6) | 6 | 70.6 (45.5–86.1) | 3 | 75.3 (40.7–91.8) | 2 | 85.9 (53.8–96.7) |
| HRICS | 6 | 65.4 (38.1–83.4) | 8 | 51.4 (26.1–72.1) | 5 | 70.2 (41.6–87.2) | 7 | 69.8 (45.9–85.3) |
| LMICS | 2 | 82.7 (44.7–96.5) | 4 | 81.4 (56.6–93.2) | 4 | 84.6 (62.7–94.6) | 6 | 74.7 (513–88.4) |
| GICS | 7 | 63.2 (37.5–81.1) | 5 | 75.5 (49.4–90.0) | 4 | 76.1 (47.1–91.0) | 6 | 76.6 (54.2–89.5) |
| **Overall** |  | **82** | **76.9 (71.8–81.2)** | **88** | **74.7 (69.6–79.2)** | **84** | **76.3 (71.3–80.7)** | **80** | **77.8 (72.9–82.0)** |

### Table 13.4b: One–year survival from ovarian cancer by age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Age | 0–44 | 4 | 91.5 (78.7–96.7) | 2 | 95.6 (83.4–98.9) | 3 | 93.9 (82.3–98.0) |
| 45–54 | 3 | 94.7 (84.2–98.4) | 5 | 89.9 (77.3–95.7) | 2 | 95.6 (82.9–98.9) |
| 55–64 | 7 | 90.4 (80.6–95.5) | 4 | 93.9 (84.2–97.9) | 10 | 86.4 (75.9–92.6) |
| 65–74 | 22 | 73.1 (61.9–81.7) | 14 | 78.9 (66.7–87.3) | 16 | 79.1 (67.8–86.9) |
| 75+ | 35 | 59.8 (47.7–70.3) | 46 | 46.6 (35.4–57.3) | 53 | 34.9 (24.8–45.4) |
| Remoteness | Major cities | 50 | 80.2 (74.3–84.9) | 54 | 76.9 (70.6–82.0) | 62 | 73.5 (67.0–78.9) |
| Inner regional | 17 | 78.2 (66.6–86.5) | 13 | 80.4 (67.7–88.8) | 17 | 76.9 (65.0–85.4) |
| Outer regional/ remote | 4 | 81.7 (56.7–93.7) | 4 | 76.5 (46.8–91.9) | 4 | 73.1 (41.7–90.4) |
| Integrated Cancer Service | NEMICS | 11 | 86.7 (76.5–92.9) | 16 | 76.7 (64.2–85.5) | 22 | 66.5 (53.3–76.9) |
| SMICS | 29 | 72.9 (62.9–80.8) | 18 | 79.9 (69.5–87.4) | 58 | 75.9 (65.9–83.4) |
| WCMICS | 11 | 80.6 (66.9–89.3) | 18 | 74.5 (62.1–83.6) | 14 | 76.4 (62.9–85.6) |
| BSWRICS | 4 | 83.2 (59.3–94.5) | 5 | 75.2 (48.9–89.8) | 7 | 61.4 (35.2–79.9) |
| GRICS | 3 | 83.4 (56.1–94.7) | 3 | 76.5 (41.9–92.9) | 1 | 95.6 (66.4–100.6) |
| HRICS | 1 | 93.5 (54.6–100.8) | 1 | 89.6 (43.3–99.4) | 1 | 92.2 (53.7–99.4) |
| LMICS | 3 | 89.1 (67.4–97.6) | 2 | 88.2 (57.7–98.1) | 2 | 89.4 (60.5–98.6) |
| GICS | 9 | 62.1 (39.0–78.9) | 7 | 66.9 (41.9–83.8) | 7 | 64.7 (39.4–81.9) |
| **Overall** |  | **71** | **79.9 (74.9–84.0)** |  | **77.7 (72.5–82.2)** | **84** | **74.4 (69.1–79.0)** |

## Measure 13.5 – One-year survival from colorectal cancer

### Table 13.5a: One–year survival from colorectal cancer by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 268 | 84.9 (82.9–86.8) | 283 | 85.1 (83.1–86.9) | 268 | 86.2 (84.3–87.9) | 282 | 85.0 (83.0–86.8) |
| Male | 326 | 85.8 (83.9–87.4) | 315 | 86.9 (85.2–88.5) | 282 | 88.1 (86.4–89.7) | 319 | 86.2 (84.4–87.8) |
| Age | 0–44 | 10 | 92.8 (87.0–96.1) | 15 | 89.8 (83.6–93.7) | 10 | 93.9 (89.0–96.7) | 14 | 92.8 (88.1–95.7) |
| 45–54 | 25 | 92.7 (89.3–95.1) | 28 | 92.6 (89.4–94.9) | 25 | 92.9 (89.6–95.2) | 22 | 93.4 (90.1–95.7) |
| 55–64 | 67 | 91.2 (88.8–93.1) | 73 | 90.8 (88.4–92.7) | 54 | 92.6 (90.3–94.4) | 63 | 91.1 (88.6–93.1) |
| 65–74 | 111 | 89.2 (86.9–91.2) | 130 | 88.3 (86.0–90.2) | 102 | 90.3 (89.1–92.2) | 125 | 88.3 (86.0–90.3) |
| 75+ | 381 | 76.9 (74.3–79.3) | 352 | 79.5 (77.0–81.9) | 359 | 80.4 (78.0–82.7) | 377 | 78.2 (75.7–80.6) |
| Remoteness | Major cities | 396 | 86.1 (84.5–87.5) | 409 | 86.2 (84.7–87.6) | 365 | 87.6 (86.0–88.9) | 419 | 85.7 (84.2–87.2) |
| Inner regional | 144 | 84.9 (82.1–87.4) | 147 | 85.8 (83.1–88.2) | 132 | 87.6 (84.9–89.8) | 138 | 85.9 (83.2–88.3) |
| Outer regional/ remote | 54 | 79.9 (73.8–84.8) | 42 | 85.9 (80.6–90.2) | 53 | 82.8 (77.4–87.2) | 44 | 83.7 (77.9–88.2) |
| Integrated Cancer Service | NEMICS | 134 | 86.1 (83.3–88.5) | 127 | 87.5 (84.8–89.8) | 128 | 87.4 (84.7–89.8) | 142 | 85.9 (83.1–88.3) |
| SMICS | 136 | 87.8 (85.3–90.1) | 167 | 85.4 (82.8–87.7) | 130 | 87.9 (85.4–90.2) | 162 | 85.2 (82.5–87.5) |
| WCMICS | 112 | 83.0 (79.6–86.1) | 94 | 86.9 (83.7–89.6) | 91 | 87.6 (84.4–90.2) | 95 | 87.2 (84.0–89.8) |
| BSWRICS | 48 | 86.9 (82.3–90.7) | 58 | 85.3 (80.7–89.0) | 37 | 90.9 (86.7–94.1) | 51 | 84.4 (79.1–88.6) |
| GRICS | 35 | 81.6 (74.4–87.2) | 39 | 81.1 (74.2–86.5) | 41 | 80.9 (74.3–86.3) | 32 | 84.4 (77.8–89.4) |
| HRICS | 35 | 85.9 (79.9–90.5) | 42 | 82.9 (76.8–87.7) | 40 | 84.2 (78.3–88.9) | 39 | 84.1 (78.1–88.7) |
| LMICS | 53 | 82.1 (76.6–86.7) | 44 | 85.6 (80.3–89.8) | 52 | 84.2 (79.0–88.3) | 47 | 85.3 (80.2–89.3) |
| GICS | 41 | 82.6 (76.4–87.5) | 27 | 90.6 (85.5–94.2) | 31 | 89.1 (83.9–92.9) | 33 | 86.5 (80.6–90.9) |
| **Overall** |  | **594** | **85.4 (84.4–86.6)** | **598** | **86.1 (84.8–87.3)** | **550** | **87.2 (85.9–88.4)** | **601** | **85.7 (84.4–86.9)** |

### Table 13.5b: One–year survival from colorectal cancer by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 248 | 87.2 (85.4–88.9) | 273 | 86.1 (84.2–87.9) | 250 | 87.1 (85.2–88.8) |
| Male | 283 | 87.9 (86.2–89.5) | 309 | 86.8 (85.0–88.4) | 335 | 86.2 (84.5–87.8) |
| Age | 0–44 | 12 | 94.9 (91.2–97.1) | 15 | 93.3 (89.1–95.9) | 23 | 90.1 (85.5–93.4) |
| 45–54 | 16 | 95.6 (92.8–97.4) | 24 | 93.4 (90.2–95.6) | 21 | 94.3 (91.2–96.3) |
| 55–64 | 59 | 91.4 (88.8–93.4) | 44 | 93.8 (91.6–95.5) | 56 | 92.1 (89.7–93.9) |
| 65–74 | 97 | 91.2 (89.1–92.9) | 115 | 89.5 (87.3–91.4) | 120 | 89.7 (87.6–91.5) |
| 75+ | 347 | 79.7 (77.2–82.1) | 384 | 77.9 (75.4–80.3) | 365 | 78.9 (76.4–81.2) |
| Remoteness | Major cities | 357 | 88.1 (86.6–89.5) | 396 | 86.6 (85.1–88.1) | 413 | 86.4 (84.8–87.8) |
| Inner regional | 139 | 86.2 (83.5–88.5) | 139 | 86.5 (83.9–88.9 | 126 | 88.1 (85.6–90.3) |
| Outer regional/ remote | 35 | 87.5 (82.2–91.5) | 47 | 84.7 (79.4–88.9) | 45 | 83.2 (77.4–87.9) |
| Integrated Cancer Service | NEMICS | 123 | 88.7 (86.1–90.9) | 128 | 88.0 (85.4–90.3) | 135 | 86.7 (84.1–89.1) |
| SMICS | 125 | 88.6 (86.0–90.8) | 156 | 85.2 (82.5–87.6) | 153 | 86.1 (83.4–88.4) |
| WCMICS | 102 | 85.7 (82.5–88.5) | 104 | 85.3 (82.1–88.1) | 97 | 87.5 (84.5–89.9) |
| BSWRICS | 44 | 87.2 (82.2–91.0) | 50 | 86.4 (81.5–90.2) | 45 | 87.6 (82.9–91.3) |
| GRICS | 34 | 84.9 (78.7–89.7) | 32 | 86.5 (80.5–91.0) | 32 | 86.5 (80.5–91.1) |
| HRICS | 26 | 90.9 (85.9–94.4) | 36 | 87.6 (82.4–91.5) | 35 | 87.2 (81.7–91.4) |
| LMICS | 43 | 86.4 (81.3–90.3) | 44 | 84.5 (78.9–88.9) | 46 | 83.2 (77.5–87.7) |
| GICS | 34 | 85.0 (78.9–89.7) | 30 | 89.0 (83.7–92.9) | 33 | 88.7 (83.4–92.6) |
| **Overall** |  | **531** | **87.6 (86.4–88.8)** | **582** | **86.5 985.2–87.7)** | **585** | **86.6 (85.4–87.8)** |

## Measure 13.6 – One-year survival from brain cancer

### Table 13.6a: One–year survival from brain cancer by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 91 | 52.0 (44.7–58.9) | 95 | 53.3 (46.2–59.9) | 74 | 58.9 (51.3–65.8) | 89 | 52.6 (45.2–59.5) |
| Male | 136 | 50.1 (43.9–55.9) | 142 | 50.3 (44.4–56.0) | 115 | 58.4 (52.3–64.1) | 99 | 59.6 (53.1–65.5) |
| Age | 0–44 | 17 | 83.7 (75.1–89.6) | 13 | 88.5 (80.9–93.2) | 8 | 92.3 (85.2–96.1) | 9 | 90.6 (82.8–95.1) |
| 45–54 | 20 | 70.5 (58.1–79.9) | 13 | 75.4 (61.4–84.9) | 16 | 76.4 (64.4–84.9) | 19 | 73.9 (62.2–82.5) |
| 55–64 | 42 | 54.8 (44.2–64.2) | 35 | 62.9 (52.3–71.8) | 33 | 64.4 (53.7–73.3) | 30 | 67.5 (56.9–76.1) |
| 65–74 | 62 | 39.3 (30.3–48.4) | 77 | 36.9 (28.7–45.2) | 50 | 49.6 (39.4–58.9) | 54 | 40.6 (30.7–50.3) |
| 75+ | 86 | 13.5 (8.3–19.9) | 99 | 12.7 (8.0–18.6) | 82 | 14.8 (9.2–21.7) | 76 | 11.5 (6.6–18.0) |
| Remoteness | Major cities | 161 | 52.4 (46.9–57.6) | 159 | 54.9 (49.5–60.0) | 120 | 63.3 (57.7–68.4) | 140 | 56.9 (51.4–62.2) |
| Inner regional | 49 | 46.9 (36.6–56.7) | 61 | 44.9 (35.6–53.9) | 54 | 47.6 (37.7–56.8) | 42 | 53.6 (42.8–63.4) |
| Outer regional/ remote | 17 | 42.8 (25.5–59.4) | 17 | 34.1 (17.5–51.7) | 15 | 45.9 (27.3–62.9) | 6 | 58.9 (30.4–79.2) |
| Integrated Cancer Service | NEMICS | 56 | 50.9 (41.5–59.7) | 59 | 50.9 (41.6–59.5) | 46 | 58.1 (48.2–66.8) | 46 | 56.6 (46.5–65.4) |
| SMICS | 56 | 54.2 (44.9–62.7) | 56 | 53.5 (44.1–62.0) | 47 | 63.4 (54.3–71.3) | 55 | 52.4 (42.9–61.1) |
| WCMICS | 42 | 52.3 (41.4–62.1) | 37 | 63.9 (53.7–72.6) | 25 | 69.4 (57.9–78.4) | 34 | 61.5 (50.4–70.9) |
| BSWRICS | 25 | 41.5 (26.9–55.5) | 19 | 50.9 (34.1–65.1) | 12 | 59.7 (39.9–74.9) | 19 | 52.2 (35.8–66.4) |
| GRICS | 12 | 37.5 (17.6–57.8) | 9 | 55.7 (32.0–74.3) | 8 | 69.9 (48.4–84.0) | 9 | 58.3 (35.9–76.1) |
| HRICS | 8 | 58.4 (33.7–76.9) | 9 | 50.7 (26.7–70.9) | 15 | 36.6 (18.7–54.9) | 9 | 55.9 (32.4–74.2) |
| LMICS | 15 | 56.9 (38.8–71.7) | 25 | 34.9 (20.9–49.4) | 20 | 31.7 (16.7–47.9) | 6 | 66.3 (39.1–83.9 |
| GICS | 13 | 35.9 (16.9–55.6) | 23 | 27.9 (14.4–43.1) | 16 | 43.8 (25.7–60.7) | 10 | 50.9 (28.1–70.1 |
| **Overall** |  | **227** | **50.9 (46.2–55.3)** | **237** | **51.6 (47.0–55.9)** | **189** | **58.6 (53.9–63.0)** | **188** | **56.5 (51.7–61.1)** |

### Table 13.6b: One–year survival from brain cancer by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 83 | 56.9 (49.6–63.7) | 79 | 60.5 (53.3–66.9) | 80 | 57.7 (50.2–64.4) |
| Male | 102 | 59.5 (53.0–65.3) | 112 | 58.0 (51.8–63.8) | 138 | 55.1 (49.3–60.5) |
| Age | 0–44 | 17 | 85.2 (77.3–90.5) | 10 | 91.2 (84.2–95.2) | 15 | 87.9 (80.8–92.6) |
| 45–54 | 16 | 73.7 (60.7–83.0) | 13 | 78.7 (66.0–87.1) | 19 | 71.1 (58.5–80.5) |
| 55–64 | 33 | 64.7 (54.1–73.5) | 42 | 57.8 (47.5–66.8) | 35 | 62.5 (51.9–71.5) |
| 65–74 | 50 | 47.1 (36.9–56.7) | 52 | 50.9 (41.0–59.9) | 47 | 54.7 (44.7–63.8) |
| 75+ | 69 | 16.7 (10.2–24.7) | 74 | 17.6 (11.1–25.4) | 102 | 11.4 (7.1–16.9) |
| Remoteness | Major cities | 132 | 59.2 (53.5–64.4) | 119 | 63.2 (57.6–68.3) | 159 | 55.7 (50.4–60.8) |
| Inner regional | 43 | 55.8 (45.2–65.1) | 59 | 50.4 (41.1–59.0) | 44 | 57.0 (46.8–66.0) |
| Outer regional/ remote | 10 | 57.0 (34.8–74.4) | 13 | 44.9 (24.8–63.5) | 15 | 48.6 (29.9–65.2) |
| Integrated Cancer Service | NEMICS | 43 | 56.4 (45.9–65.6) | 33 | 68.9 (58.9–77.0) | 49 | 56.9 (47.2–65.5) |
| SMICS | 54 | 60.1 (51.3–67.9) | 48 | 62.9 (53.9–70.8) | 58 | 57.2 (48.3–65.1) |
| WCMICS | 30 | 63.0 (51.4–72.7) | 34 | 59.3 (47.9–69.1) | 40 | 55.7 (44.7–65.3) |
| BSWRICS | 15 | 61.9 (44.8–75.4) | 18 | 52.1 (35.2–66.7) | 25 | 41.8 (27.3–55.7) |
| GRICS | 11 | 47.8 (26.2–66.7) | 12 | 35.8 (16.2–56.0) | 6 | 61.8 (33.4–81.5) |
| HRICS | 9 | 51.6 (27.6–71.4) | 14 | 52.9 (33.7–69.0) | 10 | 54.0 (31.4–72.3) |
| LMICS | 13 | 41.1 (21.3–60.3) | 17 | 44.8 (27.0–61.3) | 10 | 63.5 (42.6–78.7) |
| GICS | 10 | 60.8 (39.2–76.9) | 14 | 44.6 (25.4–62.4) | 16 | 51.0 (33.1–66.5) |
| **Overall** |  | **185** | **58.4 (53.6–62.9)** | **191** | **59.1 (54.4–63.5)** | **218** | **56.1 (51.5–60.4)** |

## Measure 13.7 – One-year survival from oesophagus cancer

### Table 13.7a: One–year survival from oesophagus cancer by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 61 | 45.5 (35.9–54.6) | 58 | 44.0 (34.2–53.5) | 39 | 59.4 (48.4–69.1) | 69 | 43.9 (34.8–52.6) |
| Male | 117 | 49.4 (42.7–55.8) | 111 | 49.2 (42.3–55.8) | 109 | 51.8 (44.9–58.2) | 133 | 47.8 (41.5–53.9) |
| Age | 0–54 | 15 | 58.2 (40.7–72.3) | 13 | 62.1 (43.9–75.9) | 13 | 61.8 (43.6–75.7) | 14 | 55.1 (36.5–70.4) |
| 55–64 | 28 | 60.4 (48.1–70.8) | 26 | 60.3 (47.4–70.9) | 29 | 60.7 (48.6–70.8) | 44 | 46.7 (35.9–56.8) |
| 65–74 | 54 | 45.1 (35.2–54.6) | 36 | 54.0 (42.4–64.4) | 31 | 61.9 (50.4–71.7) | 47 | 56.3 (46.4–65.2) |
| 75+ | 81 | 40.7 (32.2–49.2) | 94 | 34.3 (26.6–42.3) | 75 | 42.5 (33.6–51.2) | 97 | 37.7 (29.9–45.5) |
| Remoteness | Major cities | 118 | 47.6 (40.8–54.1) | 97 | 52.9 (45.6–59.7) | 97 | 56.2 (49.2–62.7) | 135 | 48.8 (42.5–54.9) |
| Inner regional | 50 | 48.4 (37.9–58.2) | 57 | 39.7 (29.9–49.5) | 37 | 52.7 (40.8–63.3) | 56 | 37.3 (27.5–47.1) |
| Outer regional/ remote | 10 | 51.9 (29.0–71.1) | 15 | 33.3 (15.9–51.9) | 14 | 37.4 (18.6–56.7) | 11 | 56.7 (35.0–74.0) |
| Integrated Cancer Service | NEMICS | 30 | 56.5 (43.6–67.7) | 28 | 54.1 (40.5–66.1) | 31 | 52.7 (39.6–64.4) | 44 | 50.3 (39.3–60.5) |
| SMICS | 47 | 48.5 (37.8–58.6) | 36 | 56.7 (44.9–67.1) | 41 | 56.7 (45.6–66.5) | 57 | 44.5 (34.6–54.0) |
| WCMICS | 36 | 40.3 (28.1–52.4) | 28 | 47.6 (33.7–60.4) | 22 | 53.9 (38.6–67.1) | 29 | 52.9 (39.5–64.8) |
| BSWRICS | 16 | 49.9 (31.5–66.1) | 16 | 52.5 (34.4–68.1) | 10 | 71.1 (51.9–84.1) | 21 | 41.4 (25.5–56.7) |
| GRICS | 10 | 49.1 (25.8–69.4) | 17 | 18.9 (10.7–26.1) | 10 | 52.3 (29.5–71.3) | 12 | 28.9 (11.0–49.9) |
| HRICS | 11 | 40.6 (19.1–61.7) | 14 | 22.9 (10.1–32.3) | 10 | 47.2 (24.2–67.5) | 20 | 37.8 (21.8–53.9) |
| LMICS | 15 | 40.9 (22.3–59.1) | 13 | 43.5 (23.3–62.6) | 13 | 37.6 (18.2–57.3) | 13 | 49.5 (29.1–67.4) |
| GICS | 13 | 52.6 (32.3–69.7) | 17 | 44.4 (26.5–61.2) | 10 | 46.4 (23.2–67.5) | 6 | 60.1 (31.3–70.5) |
| **Overall** |  | **178** | **48.1 (42.6–53.4)** | **169** | **47.5 (41.9–52.9)** | **148** | **53.9 (48.2–59.5)** | **202** | **46.5 (41.4–51.6)** |

### Table 13.7b: One–year survival from oesophagus cancer by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 40 | 59.6 (48.8–69.0) | 54 | 52.9 (43.0–61.9) | 49 | 51.9 ( 41.4–61.5) |
| Male | 118 | 48.1 (41.3–54.5) | 117 | 53.0 (46.4–59.2) | 133 | 47.0 (40.7–53.2) |
| Age | 0–54 | 16 | 55.8 (38.5–69.9) | 14 | 55.4 (36.8–70.5) | 13 | 54.2 (34.8–70.1) |
| 55–64 | 28 | 54.1 (41.0–65.6) | 19 | 67.9 (54.3–78.3) | 25 | 63.9 (51.4–74.0) |
| 65–74 | 44 | 58.2 (48.0–67.0) | 53 | 54.8 (45.3–63.3) | 56 | 48.0 (38.4–57.0) |
| 75+ | 70 | 42.4 (33.2–51.6) | 85 | 44.9 (36.5–53.0) | 88 | 39.8 (31.6–48.0) |
| Remoteness | Major cities | 106 | 53.3 (46.4–59.8) | 119 | 52.2 (45.6–58.4) | 115 | 48.3 (41.4–54.8) |
| Inner regional | 41 | 48.7 (37.3–59.3) | 42 | 54.0 (42.9–63.9) | 50 | 49.7 (39.4–59.3) |
| Outer regional/ remote | 11 | 41.4 (19.7–62.5) | 10 | 56.9 (33.9–75.2) | 16 | 44.3 (25.9–61.5) |
| Integrated Cancer Service | NEMICS | 33 | 55.4 (43.1–66.3) | 42 | 51.9 (40.8–62.2) | 36 | 46.8 (34.5–58.4) |
| SMICS | 36 | 58.8 (47.1–68.9) | 47 | 52.8 (42.3–62.5) | 54 | 48.7 (38.7–58.1) |
| WCMICS | 32 | 41.5 (28.6–54.1) | 26 | 46.3 940.8–62.2) | 18 | 55.2 (38.2–69.6) |
| BSWRICS | 11 | 52.4 930.5–70.6) | 11 | 58.4 (36.9–75.4) | 23 | 40.2 (24.9–55.2) |
| GRICS | 7 | 61.7 (35.0–80.7) | 14 | 38.7 (19.6–57.9) | 14 | 31.9 (14.2–51.6) |
| HRICS | 13 | 39.5 (19.7–59.1) | 11 | 55.6 (33.9–73.0) | 4 | 76.1 (46.7–91.4) |
| LMICS | 19 | 39.0 (22.5–55.5) | 9 | 67.2 (45.4–82.3) | 18 | 43.1 (25.9–59.4) |
| GICS | 7 | 58.0 (30.8–78.4) | 11 | 50.9 (28.6–70.0) | 13 | 53.9 (33.9–70.7) |
| **Overall** |  | **158** | **51.5 ( 45.8–56.9)** | **171** | **53.0 (47.5–58.1)** | **182** | **48.4 (43.0–53.6)** |

## Measure 13.8 – One-year survival from acute myeloid leukaemia

### Table 13.8a: One–year survival from acute myeloid leukaemia by sex, age, remoteness, ICS and by year, 2010–2013

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2010  No. of deaths | 2010  1–year survival (%) (CI) | 2011  No. of deaths | 2011  1–year survival (%) (CI) | 2012  No. of deaths | 2012  1–year survival (%) (CI) | 2013  No. of deaths | 2013  1–year survival (%) (CI) |
| Sex | Female | 57 | 45.2 (35.5–54.5) | 46 | 47.6 (36.8–57.6) | 44 | 55.0 (44.5–64.4) | 53 | 45.9 (35.9–55.5) |
| Male | 55 | 52.9 (43.3–61.7) | 72 | 39.7 (31.1–48.3) | 64 | 49.4 (40.3–57.8) | 61 | 49.9 (40.7–58.7) |
| Age | 0–44 | 2 | 95.7 (83.5–98.9) | 8 | 79.4 (63.1–89.2) | 4 | 90.6 (76.7–96.4) | 5 | 84.7 (67.1–93.4) |
| 45–54 | 6 | 73.9 (50.9–87.4) | 5 | 70.0 (42.3–86.3) | 2 | 88.9 (62.2–97.3) | 6 | 75.1 (52.7–88.0) |
| 55–64 | 9 | 73.5 (55.0–85.4) | 11 | 73.6 (57.3–84.6) | 14 | 64.9 (48.1–77.6) | 13 | 66.3 (49.1–789) |
| 65–74 | 27 | 43.0 (29.0–56.3) | 30 | 37.5 (24.4–50.5) | 27 | 51.8 (38.1–63.9) | 24 | 49.5 (34.8–62.7) |
| 75+ | 68 | 10.2 (5.4–16.7) | 64 | 6.0 (2.7–11.3) | 61 | 13.8 (7.7–18.7) | 66 | 16.6 (9.9–24.7) |
| Remoteness | Major cities | 91 | 48.2 (40.6–55.5) | 83 | 43.9 (35.8–51.7) | 76 | 52.3 (44.2–59.9) | 91 | 45.4 (37.7–52.8) |
| Inner regional | 17 | 52.9 (35.5–67.9) | 25 | 43.3 (28.7–57.1) | 24 | 52.3 (37.5–65.3) | 16 | 60.5 (43.5–74.2) |
| Outer regional/ remote | 4 | 52.4 (17.1–79.7) | 10 | 34.2 (13.3–56.9) | 8 | 44.9 (19.8–57.6) | 7 | 46.7 (29.5–60.9) |
| Integrated Cancer Service | NEMICS | 31 | 51.2 (38.2–62.8) | 24 | 41.9 (27.1–56.3) | 27 | 51.2 (373–63.5) | 29 | 47.9 (34.4–60.4) |
| SMICS | 37 | 41.3 (29.2–53.0) | 38 | 40.0 (28.1–51.8) | 32 | 48.2 (35.3–60.0) | 39 | 42.2 (30.4–53.6) |
| WCMICS | 19 | 58.2 (42.3–71.4) | 18 | 53.6 (36.9–67.8) | 14 | 64.5 (47.2–77.5) | 20 | 47.4 (30.9–62.4) |
| BSWRICS | 11 | 27.9 (9.7–31.5) | 9 | 51.2 (26.9–71.5) | 11 | 33.7 (13.6–55.8) | 8 | 41.0 (26.3–55.1) |
| GRICS | 5 | 31.0 (10.1–40.5) | 4 | 32.6 (11.9–56.2) | 3 | 59.9 (30.0–76.7) | 5 | 65.5 (44.6–85.5) |
| HRICS | 1 | 89.7 (39.8–90.5) | 7 | 31.5 (18.6–58.5) | 7 | 44.7 (28.1–58.8) | 4 | 65.6 (41.8–86.1) |
| LMICS | 1 | 87.6 (36.8–99.0) | 10 | 38.8 (17.0–50.6) | 10 | 36.7 (15.2–49.0) | 4 | 61.4 (46.5–84.1) |
| GICS | 7 | 33.9 (10.1–50.5) | 8 | 37.9 (24.1–52.3) | 4 | 72.9 (51.8–89.9) | 5 | 44.8 (23.8–63.2) |
| **Overall** |  | **112** | **49.2 (42.4–55.7)** | **118** | **43.0 (36.3–49.6)** | **108** | **51.8 (45.0–58.2)** | **114** | **48.2 (41.4–54.7)** |

### Table 13.8b: One–year survival from acute myeloid leukaemia by sex, age, remoteness, ICS and by year, 2014–2016

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Population group | Subgroup | 2014  No. of deaths | 2014  1–year survival (%) (CI) | 2015  No. of deaths | 2015  1–year survival (%) (CI) | 2016  No. of deaths | 2016  1–year survival (%) (CI) |
| Sex | Female | 61 | 40.9 (31.5–50.2) | 55 | 53.1 (43.6–61.8) | 46 | 61.0 (51.4–69.4) |
| Male | 91 | 36.7 (29.0–44.5) | 84 | 46.8 (38.8–54.4) | 76 | 52.8 (44.7–60.3) |
| Age | 0–44 | 4 | 87.3 (69.5–95.1) | 5 | 85.5 (68.5–93.7) | 5 | 90.9 (79.5–96.2) |
| 45–54 | 6 | 70.7 (46.1–85.7) | 8 | 69.6 (48.3–83.5) | 14 | 60.8 (43.1–74.5) |
| 55–64 | 21 | 55.5 (40.4–68.2) | 19 | 65.9 (51.8–76.7) | 15 | 67.6 (52.0–79.1) |
| 65–74 | 33 | 46.7 (34.1–58.5) | 36 | 50.9 (38.9–61.6) | 26 | 57.2 (43.7–68.6) |
| 75+ | 88 | 6.0 (3.1–10.3) | 71 | 18.9 (12.1–27.1) | 62 | 23.8 (15.6–33.1) |
| Remoteness | Major cities | 109 | 39.6 (32.5–46.6) | 97 | 51.1 (43.9–57.9) | 87 | 59.4 (52.4–65.9) |
| Inner regional | 34 | 32.6 (20.7–45.2) | 33 | 41.5 (38.8–53.9) | 27 | 46.6 (32.6–59.6) |
| Outer regional/ remote | 9 | 43.5 (29.7–65.7) | 9 | 50.3 (36.2–70.6) | 8 | 41.1 (26.5–54.9) |
| Integrated Cancer Service | NEMICS | 44 | 33.7 (22.9–44.8) | 18 | 69.7 (55.7–80.3) | 24 | 66.1 (53.3–76.3) |
| SMICS | 40 | 36.3 (24.9–47.9) | 46 | 40.7 (29.9–51.3) | 38 | 53.2 (41.7–63.6) |
| WCMICS | 20 | 53.1 (36.7–67.3) | 26 | 49.6 (35.3–62.4) | 23 | 60.7 (46.8–72.3) |
| BSWRICS | 13 | 39.5 (19.8–48.9) | 13 | 49.5 (39.5–56.8) | 6 | 63.3 (45.1–82.5) |
| GRICS | 10 | 32.0 (21.7–44.9) | 6 | 38.4 (21.5–55.9) | 4 | 32.2 (14.7–56.4) |
| HRICS | 8 | 36.4 (22.9–50.9) | 5 | 61.5 (40.6–72.3) | 11 | 31.6 (12.3–53.2) |
| LMICS | 12 | 22.1 (16.9–32.8) | 11 | 33.4 (23.6–54.8) | 8 | 42.8 (14.7–56.4) |
| GICS | 5 | 51.1 (39.4–76.5) | 13 | 29.3 (21.8–39.8) | 7 | 51.3 (34.1–63.5) |
| **Overall** |  | **152** | **38.5 (32.5–44.5)** | **139** | **49.5 (43.4–55.3)** | **122** | **56.3 (50.1–62.0)** |

## Measure 13.9 – Five-year relative survival from all cancers

### Table 13.9: Five–year relative survival from all cancers combined by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 18,436 | 68.1 | (67.6–68.6) |
| Male | 25,888 | 66.8 | (66.4–67.2) |
| Age | 0–14 | 100 | 84.0 | (80.9–86.7) |
| 15–24 | 96 | 88.4 | (86–90.4) |
| 25–34 | 260 | 89.3 | (88–90.5) |
| 35–44 | 855 | 85.3 | (84.4–86.3) |
| 45–54 | 2,926 | 79.5 | (78.8–80.2) |
| 55–64 | 6,851 | 74.9 | (74.4–75.6) |
| 65–74 | 10,800 | 68.5 | (67.8–69.1) |
| 75–84 | 14,573 | 52.3 | (51.4–53.1) |
| 85+ | 7,863 | 38.2 | (36.6–39.9) |
| Remoteness | Major cities | 30,951 | 68.2 | (67.8–68.5) |
| Inner regional | 10,363 | 65.9 | (65.2–66.6) |
| Outer regional/remote | 2,976 | 63.0 | (61.7–64.4) |
| Socioeconomic status | 1 (most disadvantaged) | 11,763 | 58.9 | (58.2–59.6) |
| 2 | 9,795 | 63.6 | (62.8–64.3) |
| 3 | 8,219 | 68.9 | (68.2–69.7) |
| 4 | 7,493 | 71.7 | (71.0–72.5) |
| 5 (least disadvantaged) | 6,718 | 75.5 | (74.8–76.2) |
| Integrated Cancer Service | NEMICS | 10,197 | 69.5 | (68.8–70.1) |
| SMICS | 11,951 | 69.2 | (68.5–69.8) |
| WCMICS | 7,582 | 66.1 | (65.3–66.9) |
| BSWRICS | 3,837 | 64.2 | (63.0–65.4) |
| GRICS | 2,201 | 64.4 | (62.9–65.9) |
| HRICS | 2,519 | 67.0 | (65.6–68.4) |
| LMICS | 3,201 | 65.3 | (64.0–66.5) |
| GICS | 2,802 | 62.7 | (61.3–64.1) |
| **Overall** |  | **4,4324** | **67.4** | **(67.05–67.70)** |

## Measure 13.10 – Five-year relative survival from lung cancer

### Table 13.10: Five–year relative survival from lung cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 3,152 | 19.8 | (18.4–21.2) |
| Male | 4823 | 16.1 | (15.0–17.1) |
| Age | 0–14 | - | – | – |
| 15–24 | - | – | – |
| 25–34 | 9 | 67.1 | (46.1–81.5) |
| 35–44 | 85 | 38.5 | (30.3–46.8) |
| 45–54 | 541 | 24.5 | (21.3–27.7) |
| 55–64 | 1,435 | 22.3 | (20.4–24.3) |
| 65–74 | 2,399 | 19.8 | (18.3–21.4) |
| 75–84 | 2,534 | 12.5 | (11.1–14.0) |
| 85+ | 972 | 4.8 | (3.2–7.0) |
| Remoteness | Major cities | 5,444 | 18.5 | (17.5–19.5) |
| Inner regional | 1,967 | 15.8 | (14.3–17.4) |
| Outer regional/remote | 550 | 13.6 | (10.9–16.5) |
| Socioeconomic status | 1 (most disadvantaged) | 2,421 | 15.5 | (14.1–17.0) |
| 2 | 1,818 | 15.8 | (14.2–17.5) |
| 3 | 1,442 | 18.9 | (17.0–21.0) |
| 4 | 1,238 | 20.7 | (18.5–23.0) |
| 5 (least disadvantaged) | 1,006 | 19.7 | (17.3–22.2) |
| Integrated Cancer Service | NEMICS | 1,736 | 16.9 | (15.2–18.8) |
| SMICS | 2,087 | 19.1 | (17.4–20.8) |
| WCMICS | 1,429 | 19 | (17.0–21.1) |
| BSWRICS | 660 | 16.8 | (14.0–19.8) |
| GRICS | 389 | 17.3 | (13.7–21.2) |
| HRICS | 474 | 16.8 | (11.8–17.1) |
| LMICS | 642 | 14.3 | (13.7–20.2) |
| GICS | 544 | 14.7 | (11.9–17.7) |
| **Overall** |  | **7,975** | **17.6** | **(16.8–18.4)** |

## Measure 13.11 – Five-year relative survival from pancreatic cancer

### Table 13.11: Five–year relative survival from pancreatic cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 1,186 | 7.3 | (5.9–8.9) |
| Male | 1,283 | 7.2 | (5.8–8.8) |
| Age | 0–14 | - | - | - |
| 15–24 | 1 | 63.4 | (3.9–93.9) |
| 25–34 | 6 | 31.1 | (6.5–60.6) |
| 35–44 | 37 | 28.2 | (16.8–40.7) |
| 45–54 | 169 | 13.1 | (8.6–18.5) |
| 55–64 | 417 | 12 | (9.1–15.4) |
| 65–74 | 685 | 6.9 | (5.1–9.1) |
| 75–84 | 762 | 4.4 | (3.1–6.2) |
| 85+ | 391 | 1.7 | (0.7–3.8) |
| Remoteness | Major cities | 1,764 | 7.8 | (6.6–9.1) |
| Inner regional | 553 | 5.1 | (3.3–7.4) |
| Outer regional/remote | 152 | 7.1 | (3.6–12.0) |
| Socioeconomic status | 1 (most disadvantaged) | 638 | 5.6 | (4.1–7.4) |
| 2 | 544 | 6.2 | (4.2–8.8) |
| 3 | 452 | 7.8 | (5.5–10.5) |
| 4 | 411 | 7.9 | (5.3–11.2) |
| 5 (least disadvantaged) | 409 | 9.2 | (6.6–12.4) |
| Integrated Cancer Service | NEMICS | 592 | 7.6 | (5.4–10.3) |
| SMICS | 675 | 8.8 | (6.8–11.1) |
| WCMICS | 435 | 6.2 | (4.2–8.7) |
| BSWRICS | 182 | 9.0 | (5.4–13.6) |
| GRICS | 127 | 8.2 | (3.9–14.6) |
| HRICS | 143 | 3.8 | (2.8–10.7) |
| LMICS | 161 | 5.9 | (1.4–8.2) |
| GICS | 154 | 3.1 | (1.1–6.8) |
| **Overall** |  | **2,469** | **7.3** | **(6.2–8.4)** |

## Measure 13.12 – Five-year relative survival from ovarian cancer

### Table 13.12: Five–year relative survival from ovarian cancer by age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Age | 0–14 | 1 | 49.9 | (0.7–90.7) |
| 15–24 | 5 | 80.9 | (59–6–91.7) |
| 25–34 | 7 | 81.4 | (64.7–90.7) |
| 35–44 | 31 | 65.6 | (54.7–74.4) |
| 45–54 | 105 | 55.5 | (48.9–61.7) |
| 55–64 | 156 | 49.2 | (43.3–54.9) |
| 65–74 | 207 | 36.8 | (31.3–42.3) |
| 75–84 | 22 | 20.6 | (15.6–26.2) |
| 85+ | 108 | 11.7 | (5.7–20.7) |
| Remoteness | Major cities | 601 | 43.7 | (40.5–46.9) |
| Inner regional | 181 | 38.7 | (32.8–44.6) |
| Outer regional/remote | 59 | 30.3 | (20.3–41.1) |
| Socioeconomic status | 1 (most disadvantaged) | 181 | 40.9 | (34.9–46.9) |
| 2 | 190 | 39.3 | (33.6–45.1) |
| 3 | 151 | 45.7 | (39.2–51.9) |
| 4 | 184 | 38.3 | (32.5–44.2) |
| 5 (least disadvantaged) | 130 | 47.2 | (40.5–53.7) |
| Integrated Cancer Service | NEMICS | 208 | 40 | (34.5–45.5) |
| SMICS | 233 | 44 | (38.8–49.1) |
| WCMICS | 147 | 44.6 | (38.0–50.9) |
| BSWRICS | 63 | 48.9 | (38.8–58.5) |
| GRICS | 42 | 35.9 | (24.1–48.0) |
| HRICS | 50 | 33.4 | (22.5–44.7) |
| LMICS | 54 | 30.1 | (19.9–41.1) |
| GICS | 44 | 42.7 | (30.4–54.6) |
| **Overall** |  | **842** | **41.9** | **(39.1–44.6)** |

## Measure 13.13 – Five-year relative survival from colorectal cancer

### Table 13.13: Five–year relative survival from colorectal cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 2,585 | 68.9 | (67.5–70.3) |
| Male | 3,306 | 67.5 | (66.2–68.8) |
| Age | 15–24 | 6 | 79.2 | (59.1–90.3) |
| 25–34 | 32 | 76.9 | (68.7–83.3) |
| 35–44 | 113 | 72.7 | (68.1–76.9) |
| 45–54 | 348 | 74.7 | (72.2–76.9) |
| 55–64 | 855 | 71.6 | (69.8–73.4) |
| 65–74 | 1,341 | 71.1 | (69.5–72.7) |
| 75–84 | 2,043 | 64.1 | (62.1–66.2) |
| 85+ | 1,152 | 55.8 | (51.2–60.6) |
| Remoteness | Major cities | 4,037 | 68.6 | (67.4–69.7) |
| Inner regional | 1,400 | 67.9 | (65.9–69.7) |
| Outer regional/remote | 451 | 64.1 | (60.3–67.7) |
| Socioeconomic status | 1 (most disadvantaged) | 1,638 | 61.2 | (59.2–63.1) |
| 2 | 1,323 | 65.8 | (63.7–67.8) |
| 3 | 1,150 | 68.8 | (66.7–70.9) |
| 4 | 914 | 73.3 | (71.0–75.5) |
| 5 (least disadvantaged) | 832 | 74.9 | (72.6–77.1) |
| Integrated Cancer Service | NEMICS | 1,353 | 69.4 | (67.8–71.7) |
| SMICS | 1,489 | 70.5 | (68.6–72.3) |
| WCMICS | 1,015 | 65.9 | (63.6–68.1) |
| BSWRICS | 533 | 66.5 | (63.2–69.7) |
| GRICS | 319 | 63.9 | (59.4–68.2) |
| HRICS | 369 | 65.3 | (61.3–69.1) |
| LMICS | 447 | 67.4 | (63.8–70.8) |
| GICS | 363 | 67.4 | (63.4–71.1) |
| **Overall** |  | **5,891** | **68.1** | **(67.2–69.1)** |

## Measure 13.14 – Five-year relative survival from brain cancer

### Table 13.14: Five–year relative survival from brain cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 560 | 27.9 | (24.8–31.2) |
| Male | 815 | 22.6 | (20.0–25.3) |
| Age | 0–14 | 32 | 64.7 | (53.9–73.6) |
| 15–24 | 9 | 82.8 | (69.4–90.7) |
| 25–34 | 26 | 75.4 | (65.8–82.7) |
| 35–44 | 69 | 55.4 | (47.1–62.9) |
| 45–54 | 164 | 36.7 | (30.7–42.7) |
| 55–64 | 292 | 16.1 | (12.3–20.5) |
| 65–74 | 383 | 6.3 | (4.1–9.1) |
| 75–84 | 299 | 3.3 | (1.7–5.8) |
| 85+ | 0 | 0 | 0 |
| Remoteness | Major cities | 988 | 25.7 | (23.3–28.2) |
| Inner regional | 298 | 24.7 | (20.6–29.2) |
| Outer regional/remote | 87 | 11.6 | (5.9–19.3) |
| Socioeconomic status | 1 (most disadvantaged) | 286 | 21.5 | (17.4–25.9) |
| 2 | 270 | 21.3 | (17.1–25.8) |
| 3 | 295 | 26.6 | (22.3–31.2) |
| 4 | 257 | 26.9 | (22.0–31.9) |
| 5 (least disadvantaged) | 257 | 28.5 | (23.8–33.4) |
| Integrated Cancer Service | NEMICS | 344 | 23.9 | (20.0–28.0) |
| SMICS | 379 | 23.4 | (19.7–27.3) |
| WCMICS | 234 | 32.8 | (27.7–37.9) |
| BSWRICS | 116 | 17.8 | (11.7–24.9) |
| GRICS | 65 | 17.8 | (9.7–27.9) |
| HRICS | 58 | 31.1 | (21.5–41.3) |
| LMICS | 97 | 21.5 | (14.7–29.2) |
| GICS | 80 | 21.8 | (14.4–30.4) |
| **Overall** |  | **1375** | **25.0** | **(22.9–27.0)** |

## Measure 13.15 – Five-year relative survival from oesophagus cancer

### Table 13.15: Five–year relative survival from oesophagus cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 340 | 21.3 | (17.6–23.4) |
| Male | 732 | 20.4 | (17.1–25.8) |
| Age | 0–14 | - | - | - |
| 15–24 | - | - | - |
| 25–34 | - | - | - |
| 35–44 | 19 | 27 | (12.4–43.9) |
| 45–54 | 72 | 33.7 | (24.7–42.8) |
| 55–64 | 223 | 21.6 | (16.9–26.8) |
| 65–74 | 260 | 27.3 | (22.3–32.6) |
| 75–84 | 332 | 14.8 | (10.9–19.4) |
| 85+ | 166 | 6.6 | (2.3–14.9) |
| Remoteness | Major cities | 694 | 23.1 | (20.1–26.4) |
| Inner regional | 299 | 16.8 | (12.8–21.4) |
| Outer regional/remote | 78 | 11.6 | (5.6–20.3) |
| Socioeconomic status | 1 (most disadvantaged) | 299 | 18.7 | (14.4–23.6) |
| 2 | 251 | 15.7 | (11.4–20.8) |
| 3 | 175 | 21 | (15.6–27.1) |
| 4 | 169 | 27.1 | (20.8–33.8) |
| 5 (least disadvantaged) | 169 | 22.5 | (16.7–28.9) |
| Integrated Cancer Service | NEMICS | 215 | 23.2 | (17.8–29.0) |
| SMICS | 295 | 21.2 | (16.6–26.1) |
| WCMICS | 157 | 28.2 | (21.7–35.1) |
| BSWRICS | 104 | 20.9 | (13.7–29.2) |
| GRICS | 75 | 7.4 | (3.1–14.3) |
| HRICS | 78 | 11.4 | (5.6–19.6) |
| LMICS | 75 | 19.6 | (11.5–29.5) |
| GICS | 72 | 18 | (9.6–28.8) |
| **Overall** |  | **1,072** | **20.7** | **(18.3–23.2)** |

## Measure 13.16 – Five-year relative survival from acute myeloid leukaemia

### Table 13.16: Five–year relative survival from acute myeloid cancer by sex, age, remoteness, socioeconomic status and ICS and by year, 2010–2014

| Population group | Subgroup | No. of deaths | Five–year survival (%) | 95% confidence interval |
| --- | --- | --- | --- | --- |
| Sex | Female | 285 | 28.5 | (24.1–33.1) |
| Male | 362 | 27.0 | (23.1–31.1) |
| Age | 0–14 | 5 | 84.9 | (67.5–93.5) |
| 15–24 | 7 | 78.1 | (59.4–88.9) |
| 25–34 | 6 | 77.9 | (57.0–89.6) |
| 35–44 | 17 | 74.4 | (61.7–83.5) |
| 45–54 | 41 | 48.7 | (37.3–59.3) |
| 55–64 | 98 | 35.9 | (28.2–43.9) |
| 65–74 | 171 | 15.4 | (10.6–20.9) |
| 75–84 | 200 | 2.1 | (0.7–4.9) |
| 85+ | - | - | - |
| Remoteness | Major cities | 487 | 27.0 | (23.7–30.5) |
| Inner regional | 122 | 30.1 | (23.2–37.3) |
| Outer regional/remote | 37 | 27.2 | (15.7–40.2) |
| Socioeconomic status | 1 (most disadvantaged) | 150 | 26.5 | (20.6–32.8) |
| 2 | 126 | 25.1 | (18.7–32.1) |
| 3 | 119 | 32.1 | (25.0–39.4) |
| 4 | 132 | 27.2 | (20.8–34.0) |
| 5 (least disadvantaged) | 119 | 27.2 | (20.5–34.2) |
| Integrated Cancer Service | NEMICS | 165 | 25.2 | (19.6–31.2) |
| SMICS | 203 | 22.4 | (17.4–27.7) |
| WCMICS | 106 | 25.2 | (29.6–44.5) |
| BSWRICS | 50 | 23.2 | (13.8–34.1) |
| GRICS | 24 | 25.3 | (11.2–42.8) |
| HRICS | 29 | 29.3 | (15.2–45.4) |
| LMICS | 35 | 33.1 | (20.6–46.5) |
| GICS | 34 | 30.8 | (18.4–44.3) |
| **Overall** |  | **647** | **27.7** | **(24.8–30.8)** |

# Key result: Innovations and improved evidence of best practice

## Measure 17.1 – Number of new enrolments in cancer intervention clinical trials

### Table 17.1: Number of new enrolments in cancer intervention clinical trials by metropolitan/rural postcode, ICS, tumour stream and year, 2014–2017

| Category | Sub–category | 2014 | 2015 | 2016 | 2017 |
| --- | --- | --- | --- | --- | --- |
| **Postcode** | Metropolitan | 1,220 | 1,146 | 1,237 | 1,105 |
| Rural[[8]](#footnote-8) | 391 | 477 | 398 | 366 |
| **Total** | **1,611** | **1,623** | **1,635****[[9]](#footnote-9)** | **1,4719** |
| **Integrated Cancer Service** | NEMICS | 335 | 303 | 283 | 207 |
| SMICS | 447 | 422 | 490 | 486 |
| WCMICS | 590 | 715 | 774 | 684 |
| BSWRICS | 84 | 49 | 65 | 75 |
| GRICS | 0 | 0 | 0 | 0 |
| HRICS | 71 | 43 | 23 | 31 |
| LMICS | 5 | 4 | 5 | 16 |
| GICS | 15 | 26 | 32 | 26 |
| PICS | 64 | 61 | 72 | 80 |
| **Total** | **1,611** | **1,623** | **1,744** | **1,605** |
| **Tumour stream** | Blood  (leukaemia, lymphoma, myeloma) | 513 | 571 | 509 | 530 |
| Bowel (colorectum) | 126 | 65 | 78 | 107 |
| Brain and spinal cord | 66 | 53 | 60 | 27 |
| Breast | 213 | 165 | 251 | 266 |
| Female reproductive organs | 87 | 53 | 42 | 28 |
| Head and neck | 16 | 33 | 45 | 19 |
| Lung | 142 | 114 | 165 | 85 |
| Sarcoma | 6 | 6 | 14 | 17 |
| Skin | 56 | 90 | 101 | 77 |
| Stomach and gastrointestinal | 43 | 68 | 86 | 82 |
| Urinary | 214 | 205 | 173 | 157 |
| Advanced/multiple | 129 | 200 | 220 | 210 |
| **Total** | | **1,611** | **1,623** | **1,744** | **1,605** |

## Measure 17.2 – Number of recruiting cancer intervention clinical trials

### Table 17.2: Number of recruiting cancer intervention trials by metropolitan/rural postcode, ICS, tumour stream and year, 2014–2017

| Category | Sub–category | 2014 | 2015 | 2016 | 2017 |
| --- | --- | --- | --- | --- | --- |
| **Postcode** | Metropolitan | 418 | 409 | 427 | 392 |
| Rural[[10]](#footnote-10) | 30 | 32 | 33 | 40 |
| **Total** | **448** | **441** | **460** | **432** |
| **Integrated Cancer Service** | NEMICS | 90 | 87 | 93 | 68 |
| SMICS | 124 | 106 | 134 | 116 |
| WCMICS | 168 | 179 | 166 | 163 |
| BSWRICS | 22 | 21 | 19 | 27 |
| GRICS | 0 | 0 | 0 | 0 |
| HRICS | 19 | 19 | 9 | 18 |
| LMICS | 2 | 2 | 4 | 6 |
| GICS | 8 | 10 | 18 | 11 |
| PICS | 15 | 17 | 17 | 23 |
| **Total** | **448** | **441** | **460** | **432** |
| **Tumour stream** | Blood  (leukaemia, lymphoma, myeloma) | 90 | 105 | 88 | 92 |
| Bowel (colorectum) | 13 | 7 | 11 | 14 |
| Brain and spinal cord | 13 | 11 | 15 | 8 |
| Breast | 29 | 32 | 33 | 24 |
| Female reproductive organs | 16 | 12 | 9 | 7 |
| Head and neck | 3 | 5 | 7 | 6 |
| Lung | 26 | 35 | 34 | 24 |
| Sarcoma | 2 | 2 | 3 | 3 |
| Skin | 19 | 16 | 14 | 10 |
| Stomach and gastrointestinal | 14 | 11 | 17 | 26 |
| Urinary | 18 | 21 | 19 | 33 |
| Advanced/multiple | 28 | 32 | 36 | 38 |
| **Total** | | **271** | **289** | **286** | **285** |

Notes:

This measure is limited to research specific to intervention clinical trials only. It does not include research relating to prevention, screening, supportive care or to basic science research not involving humans.

‘ICS’ includes duplicate counts of trials conducted at multiple sites.

‘Tumour stream’ does not include duplicate counts of trials conducted at multiple sites.

# Abbreviations

|  |  |
| --- | --- |
| BSWRICS | Barwon South Western Regional Integrated Cancer Service |
| CRC | colorectal cancer |
| DCO | death certificate only |
| DET | Department of Education and Training (Victorian Government) |
| ERP | Estimated Resident Population |
| GICS | Grampians Integrated Cancer Service |
| GRICS | Gippsland Regional Integrated Cancer Service |
| HRICS | Hume Regional Integrated Cancer Service |
| ICD | International Classification of Diseases |
| ICS | Integrated Cancer Service |
| LGA | local government area |
| LMICS | Loddon Mallee Integrated Cancer Service |
| NEMICS | North Eastern Melbourne Integrated Cancer Service |
| RD stage | registry–derived stage |
| SACT | systemic anti–cancer therapy |
| SEIFA | Socio–Economic Indexes for Areas |
| SES | socio–economic status (quintiles); it is an **area**–based measure not an individual measure |
| SMICS | Southern Melbourne Integrated Cancer Service |
| UV | ultraviolet |
| VAED | Victorian Admitted Episodes Dataset |
| VCR | Victorian Cancer Registry |
| VDI | Victorian Death Index |
| VEMD | Victorian Emergency Minimum Dataset |
| VHES | Victorian Healthcare Experience Survey |
| VINAH | Victorian Integrated Non–Admitted Health dataset |
| VPHS | Victorian Population Health Survey |
| VRMDS | Victorian Radiotherapy Minimum Data Set |
| WCMICS | Western and Central Melbourne Integrated Cancer Service |

1. For national reporting, skin sensitivity is classified as highly sensitive (burn only), moderately sensitive (burn then tan) and not sensitive (tan only) following 30 minutes of sun exposure during spring. Although this national data shows distinctive patterns of sun-related attitudes and behaviours among respondents with moderately sensitive versus highly sensitive skin types, due to the relatively small sample size for Victorian adults, prevalence figures for respondents with highly and moderately sensitive skin types were combined in results reported here. [↑](#footnote-ref-1)
2. The adjusted prevalence figures are estimated from multivariable models adjusting for age, sex, skin type and the ambient weather conditions (temperature, and cloud cover) to allow a more rigorous assessment of change in prevalence over time. [↑](#footnote-ref-2)
3. For national reporting, skin sensitivity is classified as highly sensitive (burn only), moderately sensitive (burn then tan) and not sensitive (tan only) following 30 minutes of sun exposure during spring. Although this national data shows distinctive patterns of sun-related attitudes and behaviours among respondents with moderately sensitive versus highly sensitive skin types, due to the relatively small sample size for Victorian adults, prevalence figures for respondents with highly and moderately sensitive skin types were combined in results reported here. [↑](#footnote-ref-3)
4. The adjusted prevalence figures are estimated from multivariable models adjusting for age, sex, skin type and the ambient weather conditions (temperature, and cloud cover) to allow a more rigorous assessment of change in prevalence over time. [↑](#footnote-ref-4)
5. Two or more sun protective behaviours were defined as ‘used sunscreen or headwear’ and at least one other sun protective behaviour (excluding sunglasses) by the respondent. The prevalence of adults who used two or more sun protective behaviours on summer weekends is presented among respondents outdoors in Melbourne in 2013–14 (25 Nov 2013 to 30 Jan 2014) and in 2016–17 (28 Nov 2016 to 31 Jan 2017). [↑](#footnote-ref-5)
6. For national reporting, skin sensitivity is classified as highly sensitive (burn only), moderately sensitive (burn then tan) and not sensitive (tan only) following 30 minutes of sun exposure during spring. Although this national data shows distinctive patterns of sun-related attitudes and behaviours among respondents with moderately sensitive versus highly sensitive skin types, due to the relatively small sample size for Victorian adults, prevalence figures for respondents with highly and moderately sensitive skin types were combined in results reported here. [↑](#footnote-ref-6)
7. The adjusted prevalence figures are estimated from multivariable models adjusting for age, sex, skin type and the ambient weather conditions (temperature, and cloud cover) to allow a more rigorous assessment of change in prevalence over time. [↑](#footnote-ref-7)
8. For the purpose of this report, sites classified as being rural include Ballarat Health Services, Ballarat Oncology and Haematology Service, Bendigo Health, Border Medical Oncology Research Unit, Goulbourn Valley Health, Peter Mac – Bendigo and South West Healthcare (Warrnambool). [↑](#footnote-ref-8)
9. Excludes Interstate and missing data [↑](#footnote-ref-9)
10. For the purpose of this report, sites classified as being rural include Ballarat Health Services, Ballarat Oncology and Haematology Service, Bendigo Health, Border Medical Oncology Research Unit, Goulbourn Valley Health, Peter Mac – Bendigo and South West Healthcare (Warrnambool). [↑](#footnote-ref-10)